

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER


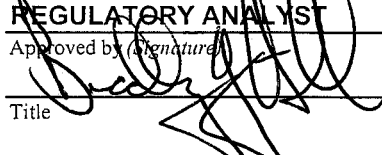
FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

| | | |
|---|--|---|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU-38420 |
| b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name |
| 2. Name of Operator KERR MCGEE OIL & GAS ONSHORE LP | | 7. If Unit or CA Agreement, Name and No. |
| 3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078 | 3b. Phone No. (include area code) (435) 781-7024 | 8. Lease Name and Well No. BONANZA 1023-7B-3 |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NWNE 1252'FNL, 2234'FEL 639420X 39.967504 At proposed prod. Zone 4425183Y - 109.367542 | | 9. API Well No. 43047-38912 |
| 10. Field and Pool, or Exploratory NATURAL BUTTES | | 11. Sec., T., R., M., or Blk, and Survey or Area SEC. 7, T10S, R23E |
| 12. Distance in miles and direction from nearest town or post office* 27.45 MILES SOUTH OF OURAY, UTAH | | 12. County or Parish UINTAH |
| 13. State UTAH | | |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1252' | 16. No. of Acres in lease 636.60 | 17. Spacing Unit dedicated to this well 40.00 |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C | 19. Proposed Depth 8250' | 20. BLM/BIA Bond No. on file WY-2357 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5280' UNGRADED GL | 22. Approximate date work will start* | 23. Estimated duration |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

| | | |
|---|--|--------------------------|
| 25. Signature  | Name (Printed/Typed) SHEILA UPCHEGO | Date 12/5/2006 |
| Title REGULATORY ANALYST | | |
| Approved by (Signature)  | Name (Printed/Typed) BRADLEY G. HILL | Date 01-16-07 |
| Title ENVIRONMENTAL MANAGER | | |

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

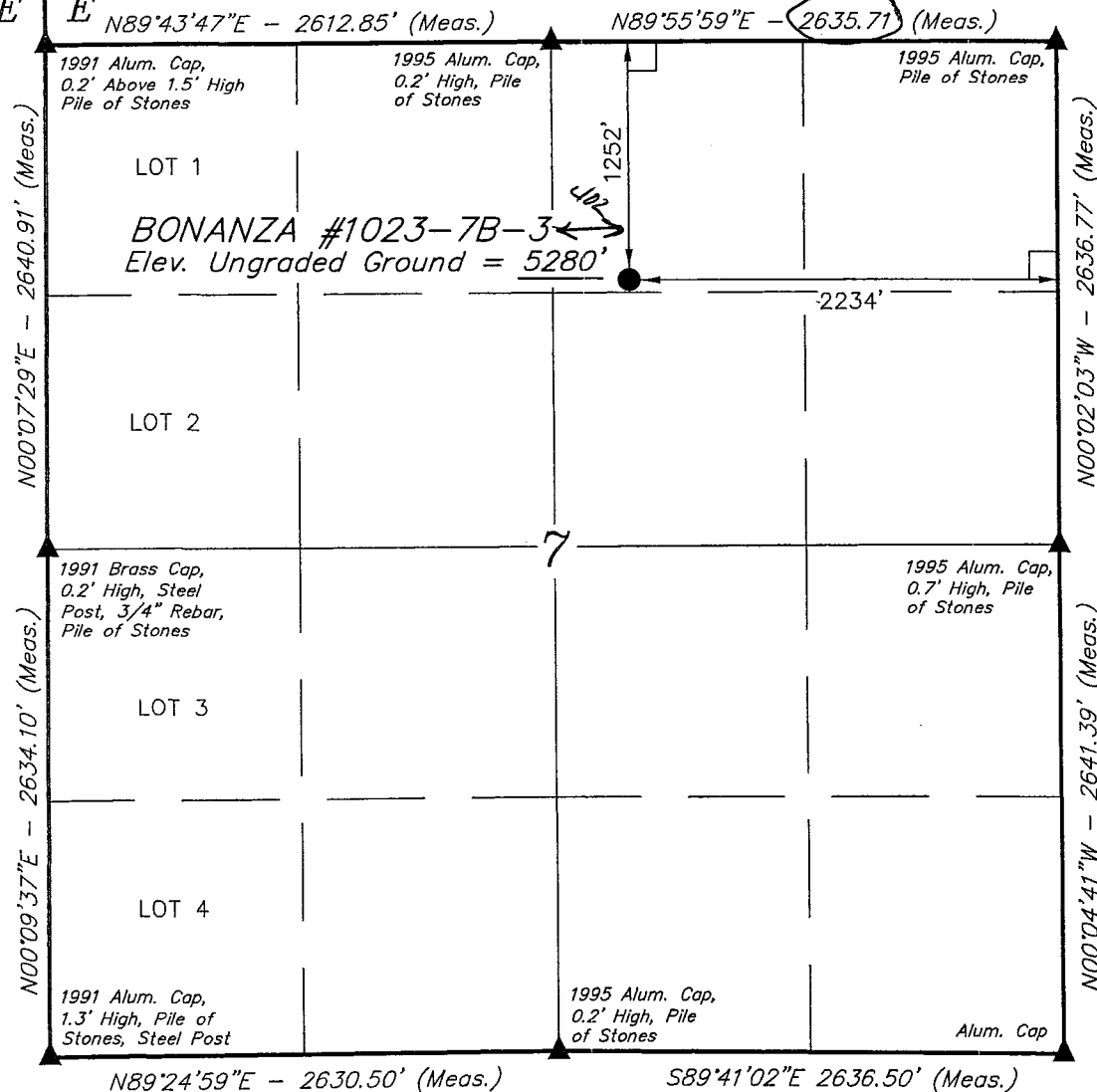
DEC 11 2006

Federal Approval of this
Action is Necessary

DIV. OF OIL, GAS & MINING

R
22
ER
23
E

T10S, R23E, S.L.B.&M.



LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = $39^{\circ}58'02.10''$ (39.967250)LONGITUDE = $109^{\circ}22'05.10''$ (109.368083)

(NAD 27)

LATITUDE = $39^{\circ}58'02.22''$ (39.967283)LONGITUDE = $109^{\circ}22'02.65''$ (109.367403)

Kerr-McGee Oil & Gas Onshore LP

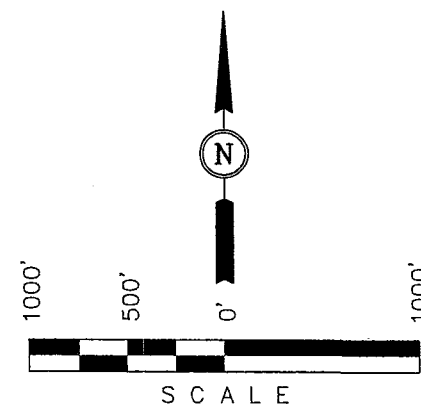
Well location, BONANZA #1023-7B-3, located as shown in the NW 1/4 NE 1/4 of Section 7, T10S, R23E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (58 EAM) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M., TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

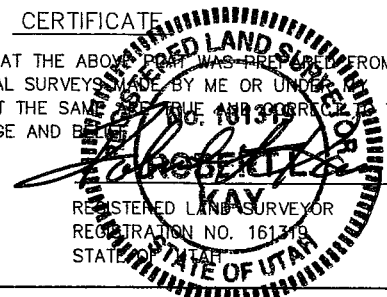
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

| | | |
|------------------------------|----------------------------|------------------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 09-07-06 | DATE DRAWN: 09-08-06 |
| PARTY B.H. F.Y. K.A. P.M. | REFERENCES G.L.O. PLAT | |
| WEATHER WARM | FILE | Kerr-McGee Oil & Gas Onshore LP |

**BONANZA #1023-7B-3
NW/NE SEC. 7, T10S,R23E
UINTAH COUNTY, UTAH
UTU-38420**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

| <u>Formation</u> | <u>Depth</u> |
|-------------------------|--------------|
| Uinta | 0- Surface |
| Green River | 1260' |
| Top of Birds Nest Water | 1427' |
| Mahogany | 2028' |
| Wasatch | 4166' |
| Mesaverde | 6421' |
| MVU2 | 7254' |
| MVL1 | 7807' |
| TD | 8250' |

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

| <u>Substance</u> | <u>Formation</u> | <u>Depth</u> |
|------------------|-------------------------|--------------|
| Water | Green River | 1260' |
| | Top of Birds Nest Water | 1427' |
| | Mahogany | 2028' |
| Gas | Wasatch | 4166' |
| Gas | Mesaverde | 6421' |
| Gas | MVU2 | 7254' |
| Gas | MVL1 | 7807' |
| Water | N/A | |
| Other Minerals | N/A | |

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. Drilling Fluids Program:

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8250' TD, approximately equals 5115 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3300 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please refer to the attached Drilling Program.

10. **Other Information:**

Please refer to the attached Drilling Program.



KERR-McGEE OIL & GAS ONSHORE LP **DRILLING PROGRAM**

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE December 5, 2006
WELL NAME **BONANZA 1023-7B-3** TD 8,250' MD/TVD
FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,280' GL KB 5,295'
SURFACE LOCATION NWNE SEC. 7, T10S, R23E 1252'FNL, 2234'FEL BHL Straight Hole
Latitude: 39.967250 Longitude: 109.368083
OBJECTIVE ZONE(S) Wasatch/Mesaverde
ADDITIONAL INFO Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.

| GEOLOGICAL FORMATION | | | MECHANICAL | | |
|--|---------------------------|-----------|------------|--|---------------------------------------|
| LOGS | TOPS | DEPTH | HOLE SIZE | CASING SIZE | MUD WEIGHT |
| | | 40' | | 14" | |
| | | | 12-1/4" | 9-5/8", 32.3#, H-40, STC | Air mist |
| Catch water sample, if possible, from 0 to 4,166' | | | | | |
| | Green River @ | 1,260' | | | |
| | Top of Birds Nest Water @ | 1427' | | | |
| | Preset f/ GL @ | 2,000' MD | | | |
| Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone. | | | | | |
| | Mahogany @ | 2,028' | | | |
| Mud logging program TBD Open hole logging program f/ TD - surf csg | | | | | |
| | Wasatch @ | 4,166' | 7-7/8" | 4-1/2", 11.6#, I-80 or equivalent LTC casing | Water/Fresh Water Mud 8.3-11.5 ppg |
| | Mverde @ | 6,421' | | | |
| | MVU2 @ | 7,254' | | | |
| | MVL1 @ | 7,807' | | | |
| | TD @ | 8,250' | | | Max anticipated Mud required 11.5 ppg |



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

| | SIZE | INTERVAL | WT. | GR. | CPLG. | DESIGN FACTORS | | |
|------------|--------|-----------|-------|------|-------|----------------|----------|---------|
| | | | | | | BURST | COLLAPSE | TENSION |
| CONDUCTOR | 14" | 0-40' | | | | 2270 | 1370 | 254000 |
| SURFACE | 9-5/8" | 0 to 2000 | 32.30 | H-40 | STC | 0.73 | 1.46 | 4.49 |
| | | | | | | 7780 | 6350 | 201000 |
| PRODUCTION | 4-1/2" | 0 to 8250 | 11.60 | I-80 | LTC | 2.49 | 1.29 | 2.41 |

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.5 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
 MASP 3119 psi

***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

| | | FT. OF FILL | DESCRIPTION | SACKS | EXCESS | WEIGHT | YIELD |
|---------------------|-----------------|--|--|---------|--------|--------|-------|
| SURFACE Option 1 | LEAD | 500 | Premium cmt + 2% CaCl + .25 pps flocele | 215 | 60% | 15.60 | 1.18 |
| | TOP OUT CMT (1) | 200 | 20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele | 50 | | 15.60 | 1.18 |
| | TOP OUT CMT (2) | as required | Premium cmt + 2% CaCl | as req. | | 15.60 | 1.18 |
| SURFACE Option 2 | | NOTE: If well will circulate water to surface, option 2 will be utilized | | | | | |
| | LEAD | 1500 | Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC | 170 | 35% | 11.00 | 3.82 |
| | TAIL | 500 | Premium cmt + 2% CaCl + .25 pps flocele | 180 | 35% | 15.60 | 1.18 |
| | TOP OUT CMT | as required | Premium cmt + 2% CaCl | as req. | | 15.60 | 1.18 |
| PRODUCTION | LEAD | 3,660' | Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender | 400 | 60% | 11.00 | 3.38 |
| | TAIL | 4,590' | 50/50 Poz/G + 10% salt + 2% gel +.1% R-3 | 1290 | 60% | 14.30 | 1.31 |

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

| | |
|------------|---|
| SURFACE | Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe. |
| PRODUCTION | Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers. |

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

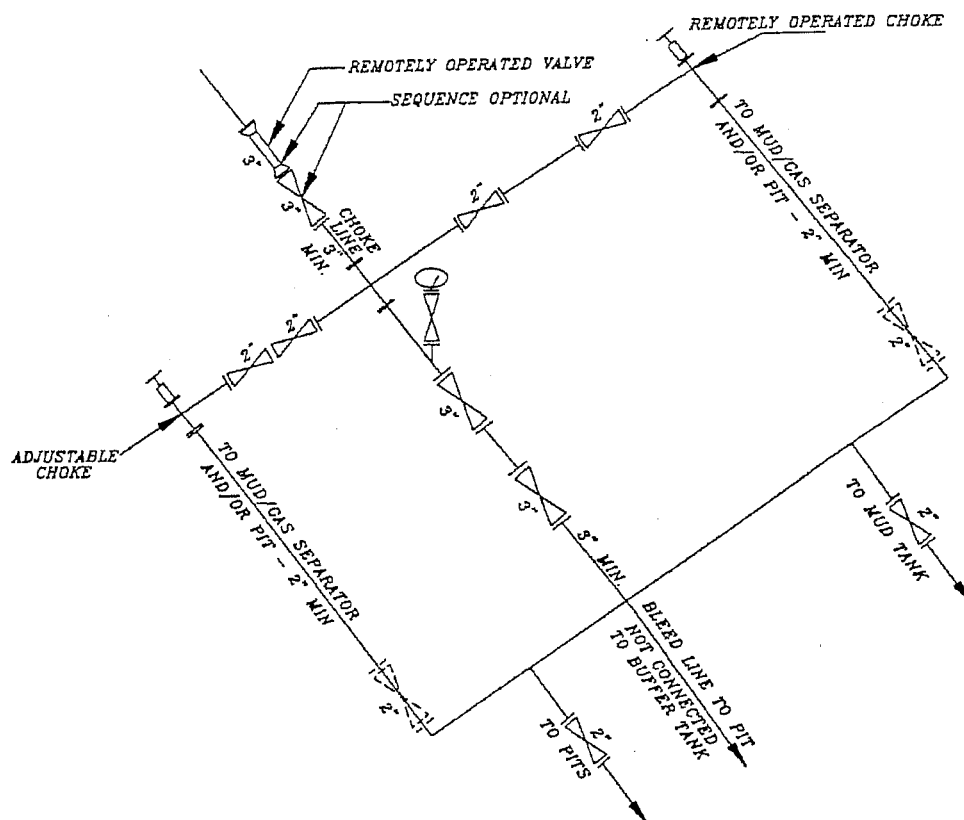
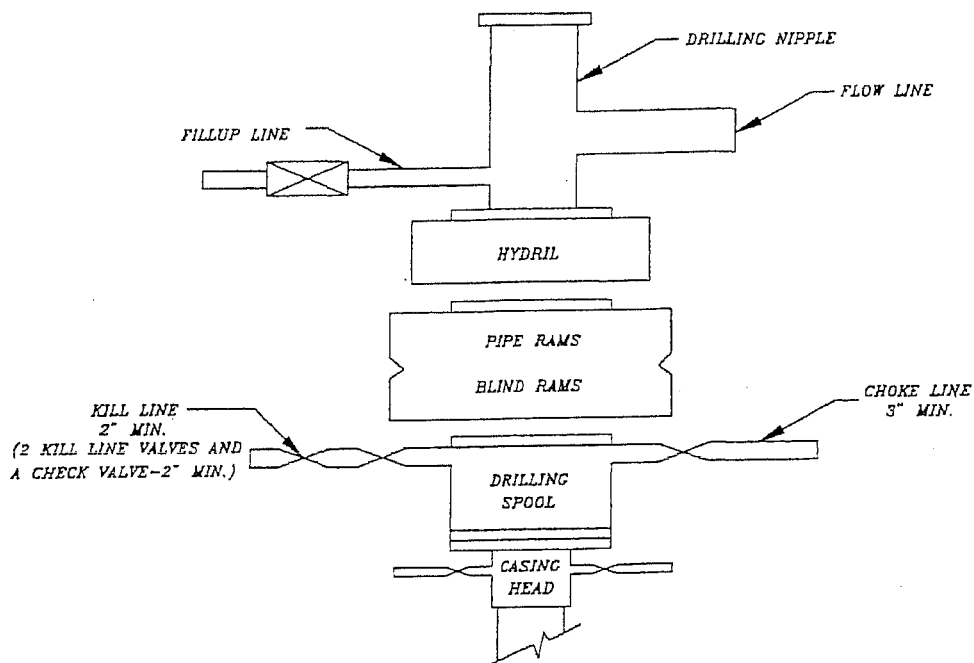
DATE:

DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

5M BOP STACK and CHOKE MANIFOLD SYSTEM



**BONANZA 1023-7B-3
NW/NE SEC. 7, T10S, R23E
UINTAH COUNTY, UTAH
UTU-38420**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the proposed location are attached.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 125' +/- of access road is proposed. Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities & Pipelines:

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5 Y 6/2) as determined during the on-site inspection.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Variances to Best Management Practices (BMP) Requests:

Approximately 950' +/- of 4" pipeline is proposed from the location to tie-in to an existing pipeline. Refer to Topo Map D for pipeline placement.

The pipeline shall be installed on surface within access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil has a poor history for successful rehabilitation.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 20 mil thick and felt with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E. (Request is in lieu of filing Form 3160-5, after initial production).

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **Plans for Reclamation of the Surface:**

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

When the pit is backfilled, the topsoil pile shall be spread on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The following seed mixture will be used to reclaim the surface for interim reclamation using appropriate reclamation methods. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for drilled seeds are:

| | |
|---------------|--------|
| Galleta Grass | 20 lbs |
|---------------|--------|

The operator shall call BLM for the seed mixture when final reclamation occurs.

11. Surface Ownership:

United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435) 781-4400

12. Other Information:

A Class III Archaeological Report has been performed and completed and will be submitted when the report becomes available.

Paleontological Reconnaissance Report has been performed and completed on October 10, 2006, the Paleontological Reconnaissance Report No. 06-299. This report is being submitted along with the Application for Permit to Drill (APD).

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

13. Lessee's or Operators's Representative & Certification:

Sheila Upchego
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Westport Oil & Gas Company agrees to be responsible under the terms and the conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by BLM Nationwide Bond #WY-2357.

I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Sheila Upchego

December 5, 2006

Date

Kerr-McGee Oil & Gas Onshore LP
BONANZA #1023-7B-3
SECTION 7, T10S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 5.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN WESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 125' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 58.45 MILES.

Kerr-McGee Oil & Gas Onshore LP

BONANZA #1023-7B-3
LOCATED IN UTAH COUNTY, UTAH
SECTION 7, T10S, R23E, S.L.B.&M.

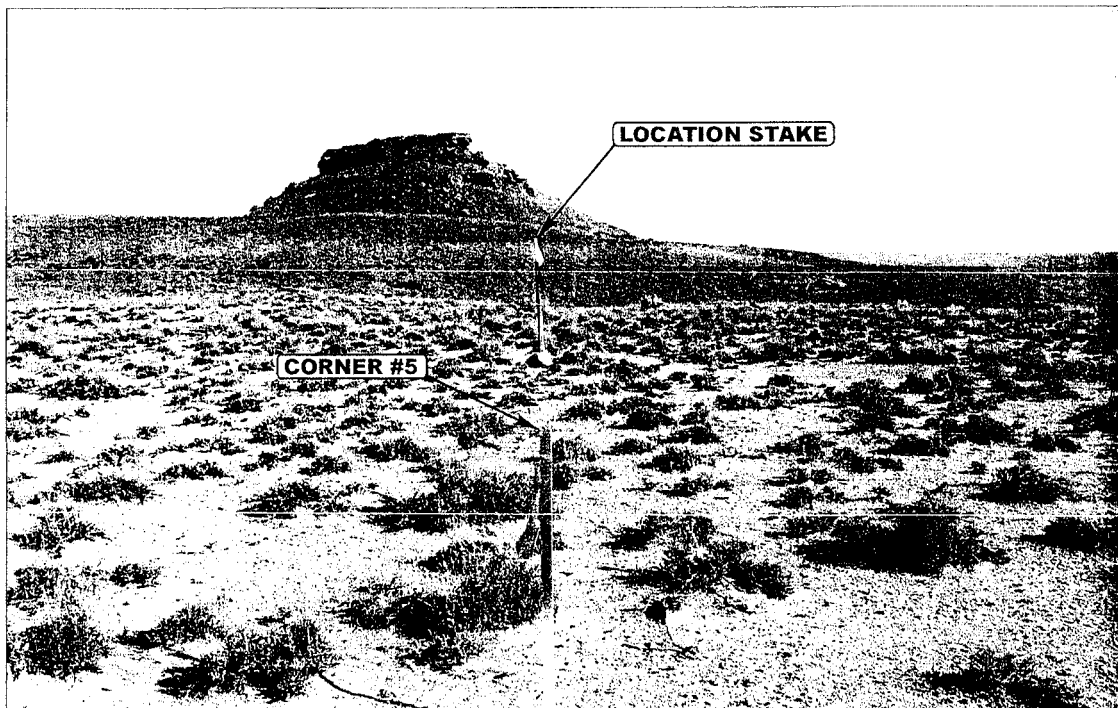


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

E&L

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

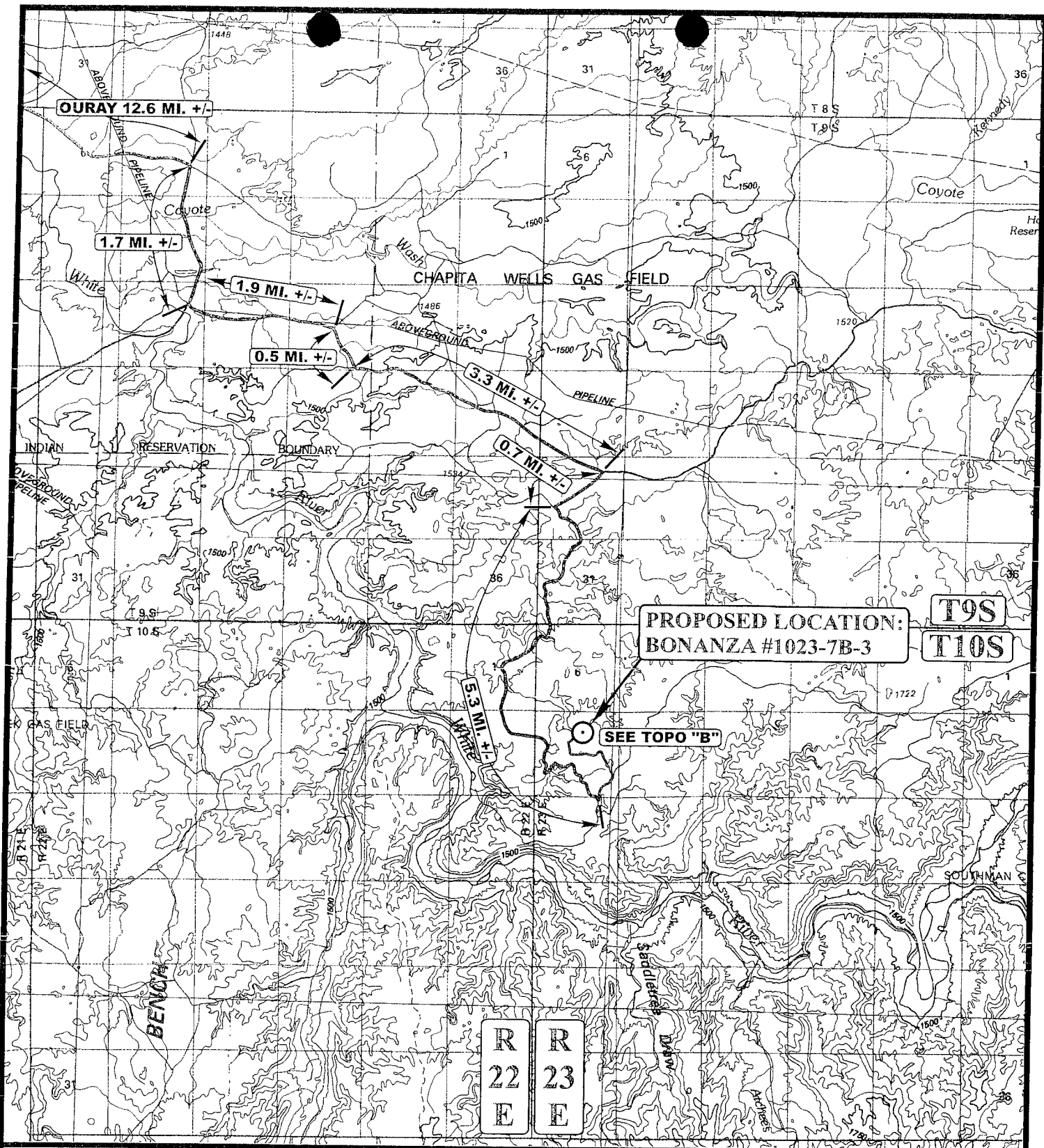
09 15 06
MONTH DAY YEAR

PHOTO

TAKEN BY: B.H.

DRAWN BY: A.A.

REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION

N

Kerr-McGee Oil & Gas Onshore LP

BONANZA #1023-7B-3

SECTION 7, T10S, R23E, S.L.B.&M.

1252' FNL 2234' FEL

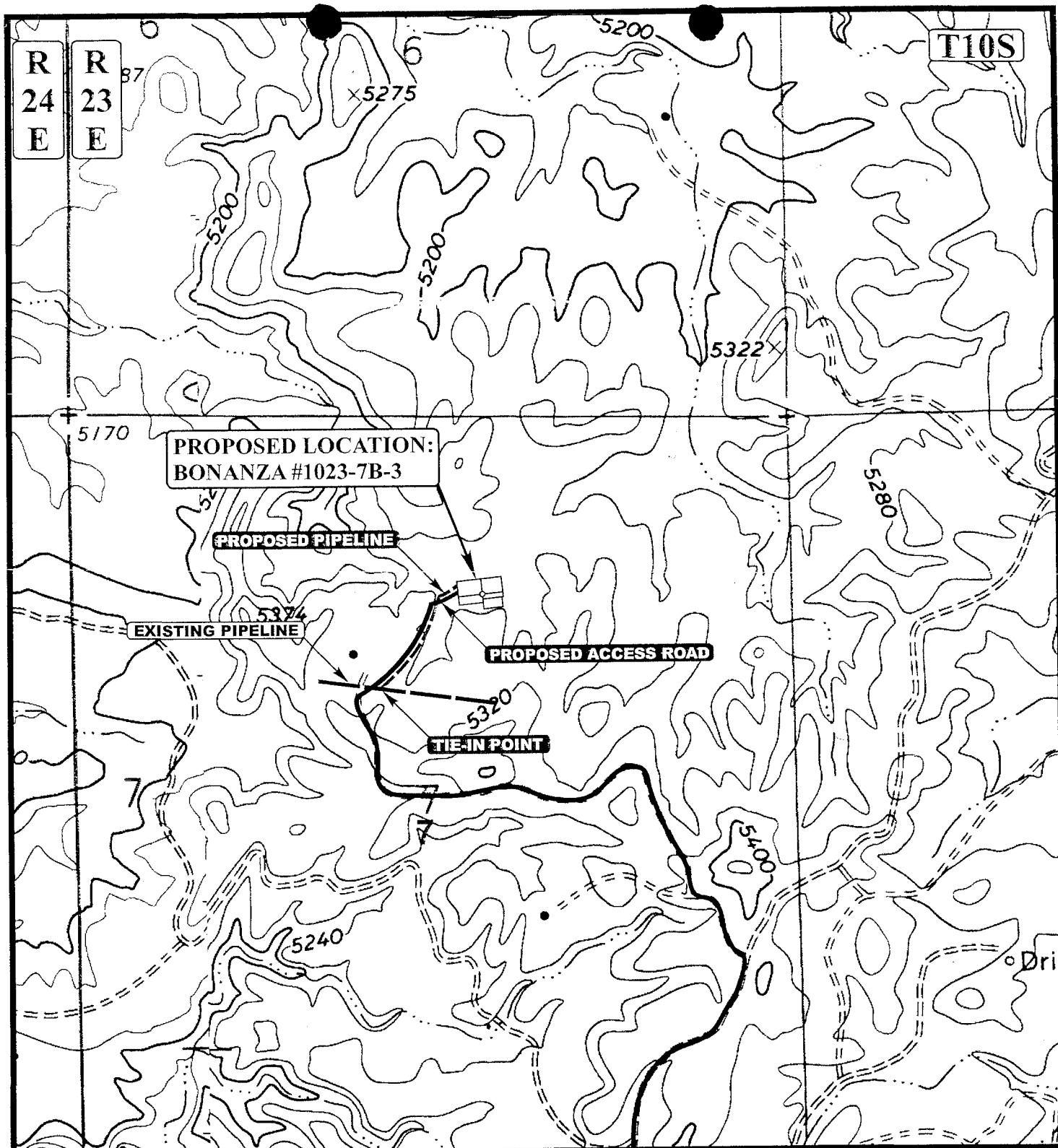
U
INTAH
ENGINEERING & LAND SURVEYING
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

09 15 06
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: A.A. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 950' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



Kerr-McGee Oil & Gas Onshore LP

BONANZA #1023-7B-3
SECTION 7, T10S, R23E, S.L.B.&M.
1252' FNL 2234' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

09 15 06
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: A.A. REVISED: 11-01-06C.P.



Kerr-McGee Oil & Gas Onshore LP

BONANZA #1023-7B-3

PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH

SECTION 7, T10S, R23E, S.L.B.&M.

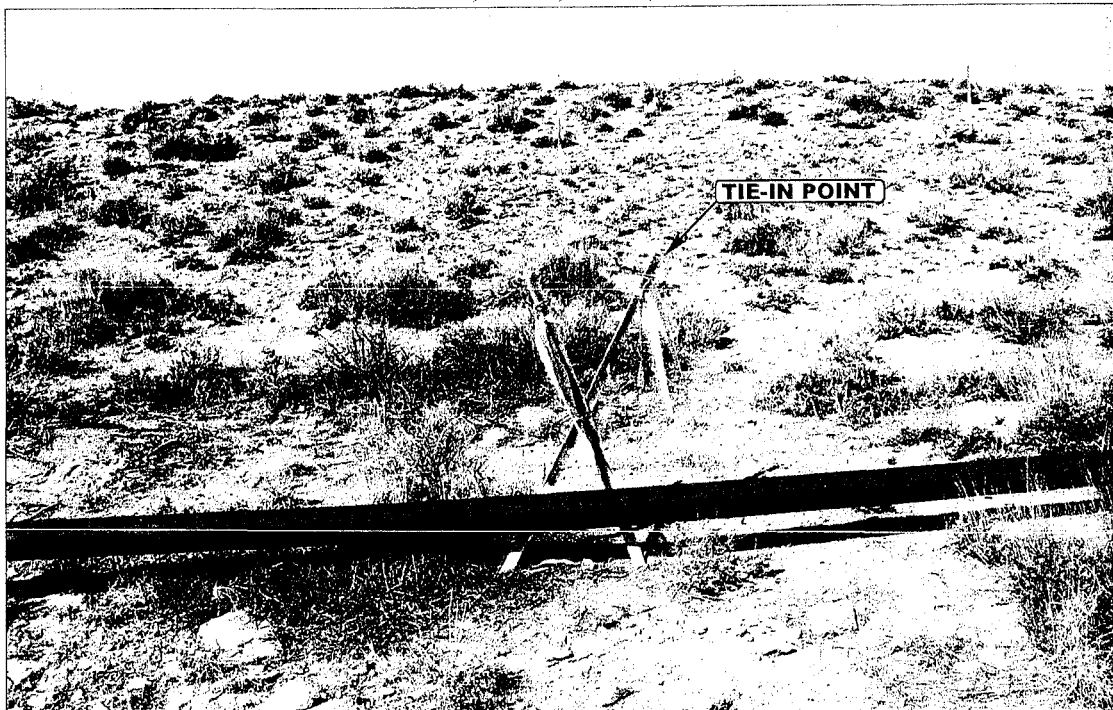


PHOTO: VIEW OF TIE-IN POINT

CAMERA ANGLE: WESTERLY

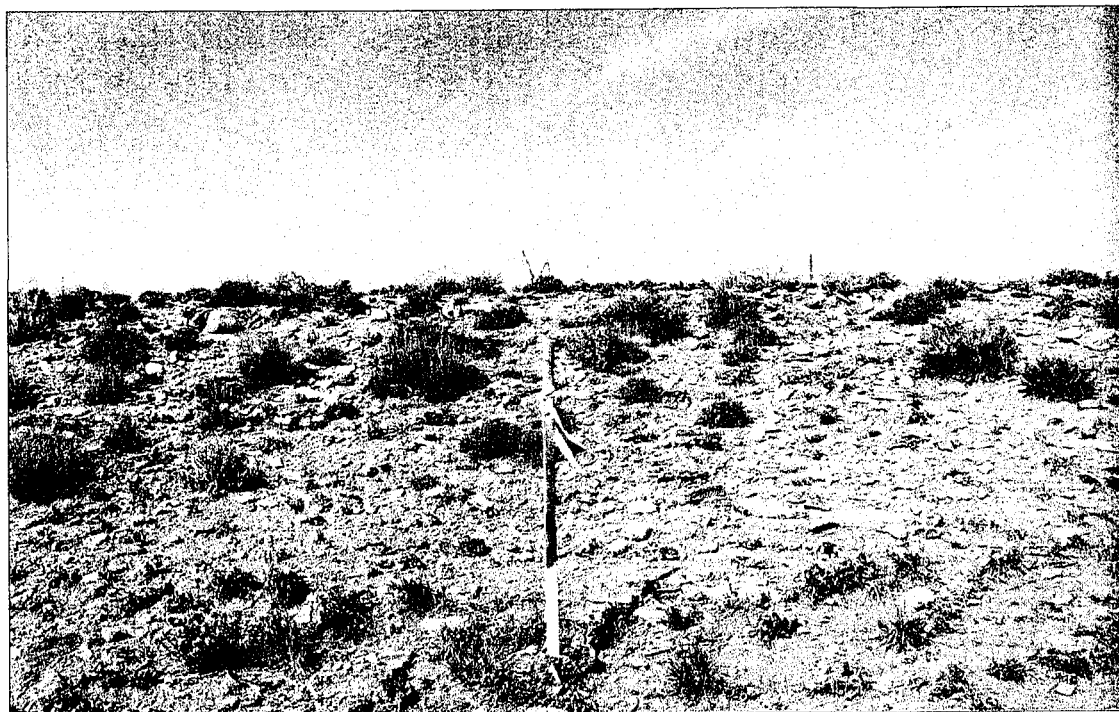


PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: WESTERLY



- Since 1964 -

Uintah Engineering & Land Surveying
E&L S 85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS

09 15 06
MONTH DAY YEAR

PHOTO

TAKEN BY: B.H.

DRAWN BY: A.A.

REVISED: 00-00-00

FIGURE #1

LOCATION LAYOUT FOR

BONANZA #1023-7B-3

SECTION 7, T10S, R23E, S.L.B.&M.

1252' FNL 2234' FEL

Install CMP as Needed

Existing
Drainage

$F-10.9'$
 $El. 67.1'$

Sta. 3+50

Round Corners
as Needed

Existing
Drainage

Approx.
Toe of
Fill Slope

Sta. 1+50

F-3.2'
El. 74.8'

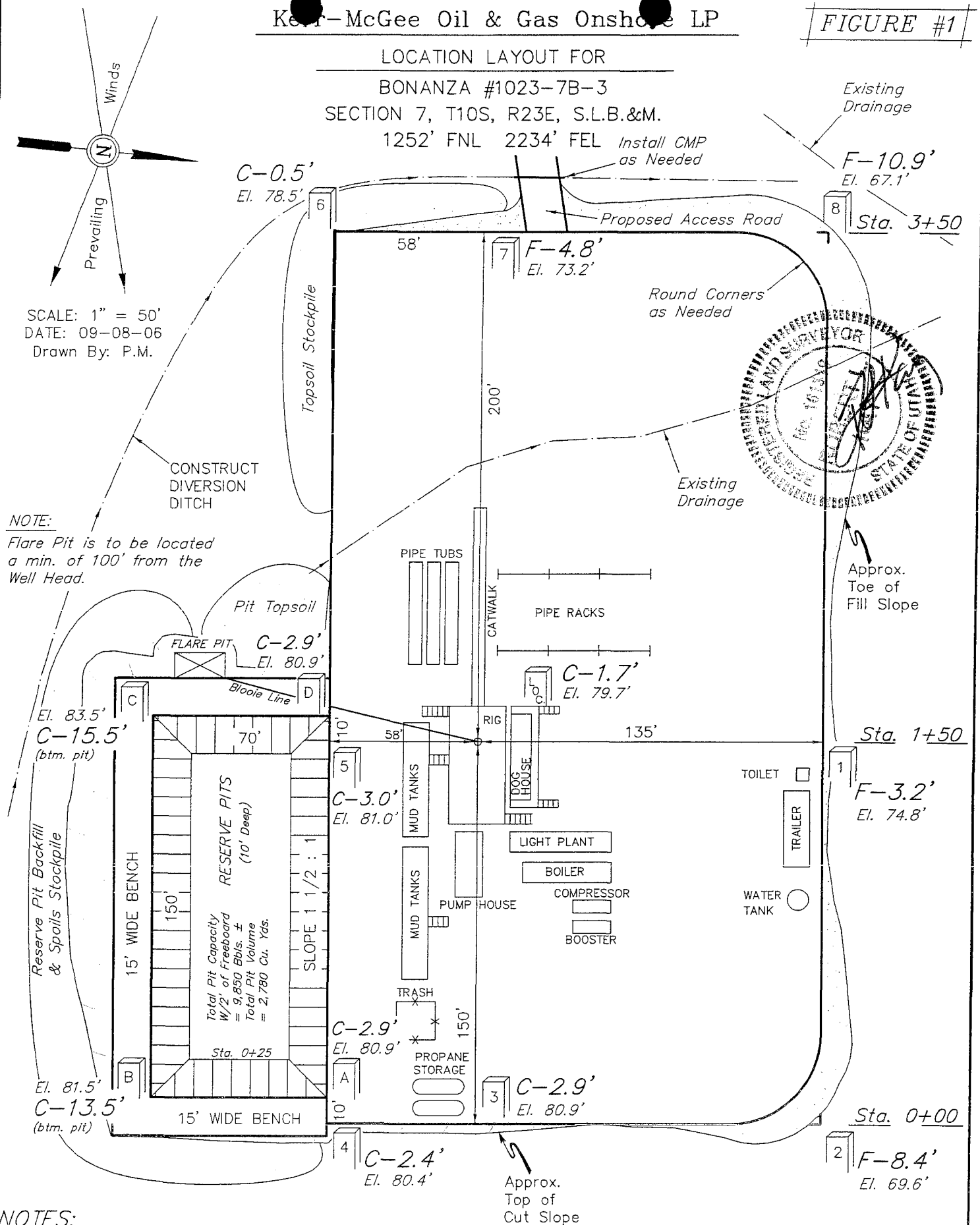
Sta. 0+00

F-8.4
El. 69.6'

Approx.
Top of
Cut Slope

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5279.7'

FINISHED GRADE ELEV. AT LOC. STAKE = 5278.0'

Kear-McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR

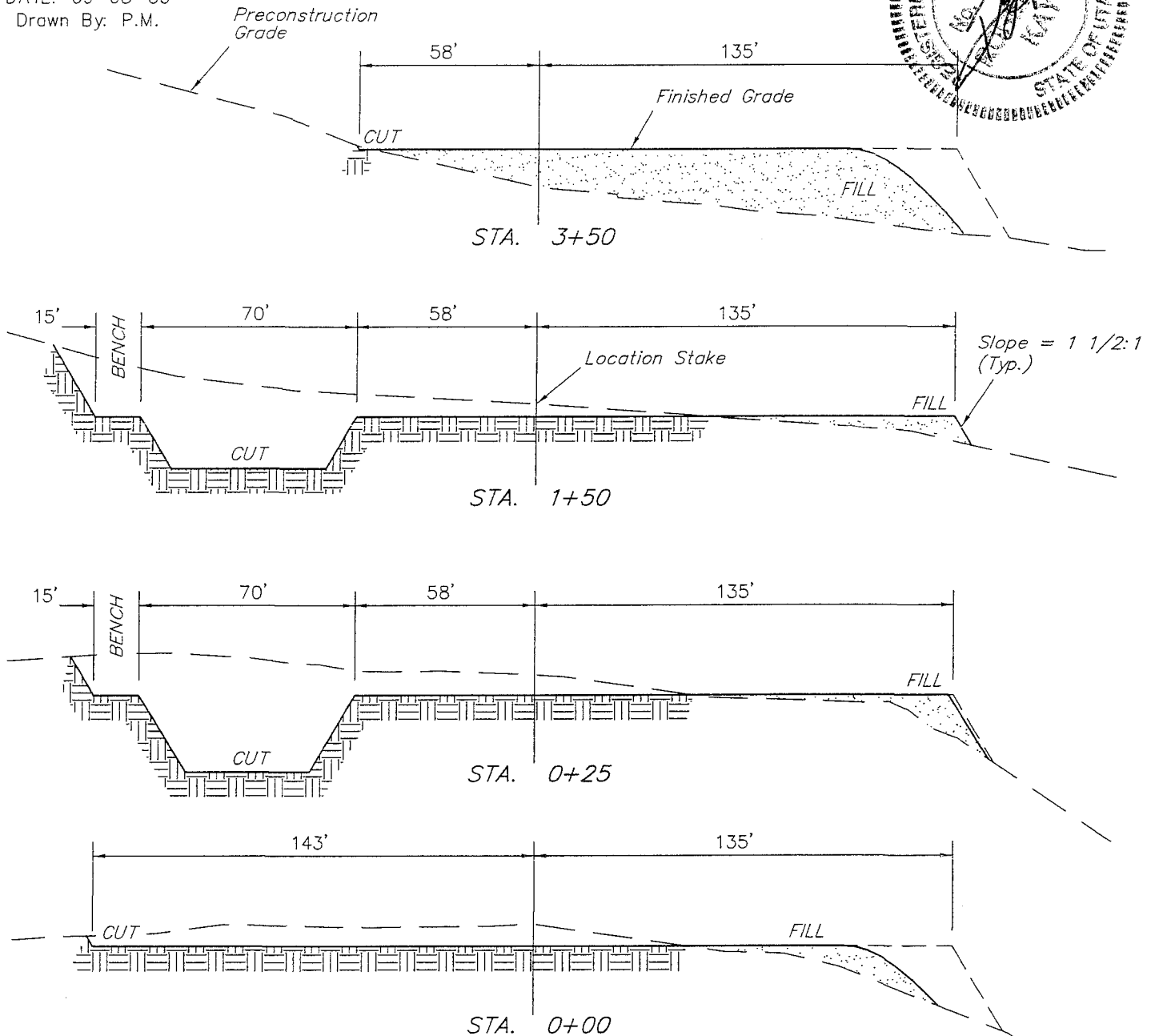
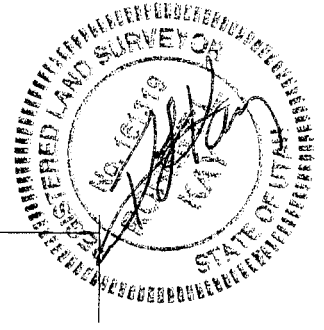
BONANZA #1023-7B-3

SECTION 7, T10S, R23E, S.L.B.&M.

1252' FNL 2234' FEL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 09-08-06
Drawn By: P.M.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 1,750 Cu. Yds.
Remaining Location = 7,830 Cu. Yds.

TOTAL CUT = 9,580 CU.YDS.
FILL = 6,440 CU.YDS.

EXCESS MATERIAL = 3,140 Cu. Yds.
Topsoil & Pit Backfill = 3,140 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/11/2006

API NO. ASSIGNED: 43-047-38912

WELL NAME: BONANZA 1023-7B-3

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

PHONE NUMBER: 435-781-7024

CONTACT: SHEILA UPCHEGO

PROPOSED LOCATION:

NWNE 07 100S 230E

SURFACE: 1252 FNL 2234 FEL

BOTTOM: 1252 FNL 2234 FEL

COUNTY: UINTAH

LATITUDE: 39.96720 LONGITUDE: -109.3675

UTM SURF EASTINGS: 639420 NORTHINGS: 4425183

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date |
|-------------|----------|------|
|-------------|----------|------|

| | | |
|-------------|--|--|
| Engineering | | |
|-------------|--|--|

| | | |
|---------|--|--|
| Geology | | |
|---------|--|--|

| | | |
|---------|--|--|
| Surface | | |
|---------|--|--|

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-38420

PROPOSED FORMATION: WSMVD

SURFACE OWNER: 1 - Federal

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WY-2357)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.

Unit: _____

 R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

☒ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 179-12

Eff Date: 2-5-2005

Siting: 460' for coal bed vs 920' for other wells

 R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

1- Federal Approved



Kerr-McGee Oil & Gas OnShore LP
1999 Broadway, Suite 3700, Denver, Colorado 80202
303-296-3600 • Fax 303-296-3601

January 8, 2007

Ms. Diana Mason
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

RE: Bonanza 1023-7B-3
T10S-R23E
Section 7: NWNE
1252' FNL, 2234' FEL
Uintah County, Utah

Dear Ms. Mason:

Kerr-McGee Oil & Gas Onshore LP has submitted a permit to drill the captioned well to test the Wasatch and Mesaverde formations. The well is located at an exception location to State Rule 179-12. The well location is less than 920' from the Bonanza 1023-7B well. Both wells are located within the same E/2 spacing unit and the proximity between wells does not interfere with the correlative rights of the royalty and working interest owners. Also, the well location was moved for topographic reasons. Kerr-McGee owns 100% of the leasehold within 460 feet of the exception location of the offset lands and has no objection to the exception location.

Kerr-McGee requests your approval of this exception location. If you have any questions or require any additional information, please do not hesitate to call me at 720-264-2618.

Sincerely,

A handwritten signature in black ink, appearing to read 'W. Chris Latimer'.

W. Chris Latimer, CPL
Senior Landman

cc: Raleen White

RECEIVED

JAN 11 2007

DIV. OF OIL, GAS & MINING



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 16, 2007

Kerr-McGee Oil & Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: Bonanza 1023-7B-3 Well, 1252' FNL, 2234' FEL, NW NE, Sec. 7, T. 10 South,
R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38912.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor (via e-mail)
Bureau of Land Management, Vernal District Office

Operator: Kerr-McGee Oil & Gas Onshore LP
Well Name & Number Bonanza 1023-7B-3
API Number: 43-047-38912
Lease: UTU-38420

Location: NW NE **Sec.** 7 **T.** 10 South **R.** 23 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations; and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

| |
|---|
| 5. Lease Serial No. |
| UTU-38420 |
| 6. If Indian, Allottee or Tribe Name |
| |
| 7. If Unit or CA/Agreement, Name and/or No. |
| |
| 8. Well Name and No. |
| BONANZA 1023-7B-3 |
| 9. API Well No. |
| 43-047-38912 |
| 10. Field and Pool, or Exploratory Area |
| NATURAL BUTTES |
| 11. County or Parish, State |
| UINTAH, UTAH |

SUBMIT IN TRIPLICATE - Other instructions on reverse side

| | |
|---|-----------------------------------|
| 1. Type of Well | |
| <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | |
| 2. Name of Operator | |
| KERR MCGEE OIL AND GAS ONSHORE, LP | |
| 3a. Address | 3b. Phone No. (include area code) |
| 1099 18TH ST, STE 1200, DENVER, CO 80202 | 720-929-6666 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) | |
| 1252' FNL, 2234' FEL NWNE, SECTION 7, T10S, R23E, SLB&M | |

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other APD EXTENSION |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | DOGM |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON JANUARY 16, 2007

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 01-28-08
By: [Signature]

COPY SENT TO OPERATOR

Date: 1-29-2008
Initials: KS

| | |
|---|------------------------|
| 14. I hereby certify that the foregoing is true and correct | |
| Name (Printed/Typed) | Title |
| RALEEN WHITE | SR. REGULATORY ANALYST |
| Signature | Date |
| [Signature] | January 11, 2008 |

THIS SPACE FOR FEDERAL OR STATE USE

| | | |
|---|-------|--------|
| Approved by | Title | Date |
| | | |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | | Office |
| | | |

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

JAN 28 2008

RESET

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-38912
Well Name: BONANZA 1023-7B-3
Location: NWNE -1252' FNL, 2234' FEL, SEC. 7, T10S, R23E
Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE LP
Date Original Permit Issued: 1/21/2007

14
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Rallen White
Signature

1/11/2008
Date

Title: SR. REGULATORY ANALYST

Representing: KERR-MCGEE OIL & GAS ONSHORE LP

RECEIVED

JAN 28 2008

DIV. OF OIL, GAS & MINING

U DOG M

RECEIVED

DEC 12 2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED

OMB No. 1004-0136

Expires November 30, 2000

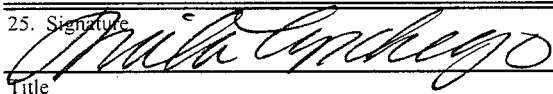
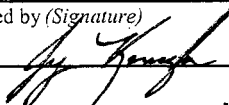
Form 3160-3
(August 1999)

| | | | | |
|---|--|--|---|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | | 5. Lease Serial No. UTU-38420 | |
| b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone | | | 6. If Indian, Allottee or Tribe Name | |
| 2. Name of Operator KERR MCGEE OIL & GAS ONSHORE LP | | | 7. If Unit or CA Agreement, Name and No. | |
| 3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078 | | 3b. Phone No. (include area code) (435) 781-7024 | 8. Lease Name and Well No. BONANZA 1023-7B-3 | |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWNE 1252'FNL, 2234'FEL At proposed prod. Zone | | | 9. API Well No. 43 047 38912 | |
| 14. Distance in miles and direction from nearest town or post office* 27.45 MILES SOUTH OF OURAY, UTAH | | | 10. Field and Pool, or Exploratory NATURAL BUTTES | |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1252' | | 16. No. of Acres in lease 636.60 | 11. Sec., T., R., M., or Blk, and Survey or Area SEC. 7, T10S, R23E | |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C | | 17. Spacing Unit dedicated to this well 40.00 | 12. County or Parish UINTAH | |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5280' UNGRADED GL | | 19. Proposed Depth 8250' | 13. State UTAH | |
| | | 20. BLM/BIA Bond No. on file WY-2357 | | |
| | | 22. Approximate date work will start* | 23. Estimated duration | |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | 6. Such other site specific information and/or plans as may be required by the authorized office. |

| | | | |
|--|--|---|--------------------------|
| 25. Signature  | | Name (Printed/Typed) SHEILA UPCHEGO | Date 12/5/2006 |
| Title REGULATORY ANALYST | | | |
| Approved by (Signature)  | | Name (Printed/Typed) TERRY KERVICK | Date 6-19-2008 |
| Title Assistant Field Manager Lands & Mineral Resources | | Office VERNAL FIELD OFFICE | |

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

RECEIVED
CONDITIONS OF APPROVAL ATTACHED
JUN 30 2008

DIV. OF OIL, GAS & MINING

NOS 10/11/06
07PP 0666A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr-McGee Oil and Gas Onshore LP
Well No: Bonanza 1023-7B-3
API No: 43-047-38912

Location: NWNE, Sec. 7, T10S, R23E
Lease No: UTU-38420
Agreement: N/A

| Title | Name | Office Phone Number | Cell Phone Number |
|-----------------------------------|-----------------|---------------------|-------------------|
| Petroleum Engineer: | Matt Baker | (435) 781-4490 | (435) 828-4470 |
| Petroleum Engineer: | Michael Lee | (435) 781-4432 | (435) 828-7875 |
| Petroleum Engineer: | James Ashley | (435) 781-4470 | (435) 828-7874 |
| Petroleum Engineer: | Ryan Angus | (435) 781-4430 | (435) 828-7368 |
| Supervisory Petroleum Technician: | Jamie Sparger | (435) 781-4502 | (435) 828-3913 |
| Supervisory NRS: | Karl Wright | (435) 781-4484 | (435) 828-7381 |
| NRS/Enviro Scientist: | Holly Villa | (435) 781-4404 | (435) 828-3544 |
| NRS/Enviro Scientist: | James Hereford | (435) 781-3412 | |
| NRS/Enviro Scientist: | Chuck Macdonald | (435) 781-4441 | (435) 828-7481 |
| NRS/Enviro Scientist: | Dan Emmett | (435) 781-3414 | |
| NRS/Enviro Scientist: | Paul Percival | (435) 781-4493 | |
| NRS/Enviro Scientist: | Michael Cutler | (435) 781-3401 | (435) 828-3546 |
| NRS/Enviro Scientist: | Anna Figueroa | (435) 781-3407 | (435) 828-3548 |
| NRS/Enviro Scientist: | Verlyn Pindell | (435) 781-3402 | (435) 828-3547 |
| NRS/Enviro Scientist: | Darren Williams | (435) 781-4447 | (435) 828-4029 |
| NRS/Enviro Scientist: | Nathan Packer | (435) 781-3405 | (435) 828-3545 |

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

| | | |
|---|---|--|
| Location Construction (Notify Environmental Scientist) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion (Notify Environmental Scientist) | - | Prior to moving on the drilling rig. |
| Spud Notice (Notify Petroleum Engineer) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing (Notify Supv. Petroleum Tech.) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice (Notify Petroleum Engineer) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding should take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
- In order to protect important seasonal wildlife habitat, exploration, drilling, and other development activity will be allowed only during the period from July 20 to May 15. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation in any year may be specifically authorized in writing by the District Engineer, Geological Survey, with the concurrence of the District Manager, Bureau of Land Management.
- All archaeological sites will be avoided.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface casing. Production casing minimum cement top is 1200 ft. The minimum cement top is approximately 800 ft above the surface casing shoe.
 - Cement Top (TOC) standard will place cement behind casing across formation lost circulation zone, Birds Nest Zone.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR-McGEE OIL & GAS ONSHORE, L.P.

Well Name: BONANZA 1023-7B-3

Api No: 43-047-38912 Lease Type: FEDERAL

Section 07 Township 10S Range 23E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # BUCKET

SPUDDED:

Date 07/31/08

Time NOON

How DRY

Drilling will Commence: _____

Reported by LEW WELDON

Telephone # (435) 828-7035

Date 08/04/08 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|---|-----------------------|-------------------|-----------|-----|----------------------------------|-----|--------|
| 4304738915 | BONANZA 1023-10C-4 | | NENW | 10 | 10S | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | |
| <u>A</u> | 99999 | <u>17015</u> | 7/31/2008 | | <u>8/14/08</u> | | |
| Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 07/31/2008 AT 1000 HRS | | | | | | | |

Well 2

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|--|-----------------------|-------------------|-----------|-----|----------------------------------|-----|--------|
| 4304738912 | BONANZA 1023-7B-3 | | NWNE | 7 | 10S | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | |
| <u>A</u> | 99999 | <u>17016</u> | 8/1/2008 | | <u>8/14/08</u> | | |
| Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 08/01/2008 AT 1200 HRS. | | | | | | | |

Well 3

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|--|-----------------------|-------------------|-----------|-----|----------------------------------|-----|--------|
| 4304739762 | BITTER CREEK 1122-6K | | NESW | 6 | 11S | 22E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | |
| <u>A</u> | 99999 | <u>17017</u> | 8/4/2008 | | <u>8/14/08</u> | | |
| Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 08/04/2008 AT 1000 HRS. | | | | | | | |

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

Signature

REGULATORY ANALYST

Title

8/5/2008

Date

RECEIVED

AUG 05 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-38420

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

BONANZA 1023-7B-3

9. API Well No.

4304738912

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/NE SEC. 7, T10S, R23E 1252'FNL, 2234'FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|--|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>WELL SPUD</u> |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 08/01/2008 AT 1200 HRS.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

REGULATORY ANALYST

Signature

Date

August 5, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

(Instructions on reverse)

AUG 11 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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BONANZA 1023-7B-3

9. API Well No.

4304738912

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/NE SEC. 7, T10S, R23E 1252'FNL, 2234'FEL

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| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other SET SURFACE |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | CSG |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PROPETRO AIR RIG ON 08/03/2008. DRILLED 12 1/4" SURFACE HOLE TO 2080'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/300 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT 10 PSI LIFT. TOP OUT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE. 2ND TOP OUT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN BACKSIDE. 3RD TOP OUT W/ 175 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL. WORT.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

REGULATORY ANALYST

Signature

Date

August 6, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED
AUG 11 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

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UTU-38420

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7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

BONANZA 1023-7B-3

9. API Well No.

4304738912

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

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| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other FINAL DRILLING OPERATIONS |
| | <input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon |
| | <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2080' TO 8400' ON 08/14/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/346 SX PREM LITE II @11.3 PPG 3.02 YIELD. TAILED CMT W/1100 SX 50/50 POZ @ 14.3 PPG 1.31 YIELD. FULL CIRC UP TILL 30 BBLS OF DISPLACEMENT LEFT LEAD CMT TO SURFACE LOSS RETURNS BUMP PLUG @129 BBLS OF DISPLACEMENT FLOATS HELD. LAND CSG. FLUSH STACK AND PUMPED EXCESS WATER TO RESERVE PIT. REMOVE LANDING JT NIPPLE DOWN BOP LOCK DOWN FLANGE WOULD NOT DISENGAGE NIPPLE OFF OF LOCKDOWN FLANGE FMC TO REMOVE LOCKDOWN FLANGE DROP 1 GAL OF CHLORINE TABS DOWN CSG. CLEAN PITS. RELEASED PIONEER RIG 69 ON 08/15/2008 AT 1800 HRS.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Signature

Title

REGULATORY ANALYST

Date

August 18, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

AUG 20 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

5. Lease Serial No.

UTU-38420

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

8. Lease Name and Well No.

BONANZA 1023-7B-3

3. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435) 781-7024

9. API Well No.

4304738912

4. Location of Well (Report locations clearly and in accordance with Federal requirements) *

At surface

NW/NE 1252'FNL, 2234'FEL

At top prod. interval reported below

10. Field and Pool, or Exploratory

NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey or Area

SEC. 7, T10S, R23E

12. County or Parish

UINTAH

13. State

UTAH

At total depth

14. Date Spudded

08/01/08

15. Date T.D. Reached

08/14/08

16. Date Completed

☐ D & A ☒ Ready to Prod.
09/12/08

17. Elevations (DF, RKB, RT, GL)*

5280'GL

18. Total Depth: MD 8400'
TVD

19. Plug Back T.D.: MD 8351'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit copy)

Was DST run? ☒ No ☐ Yes (Submit copy)

Directional Survey? ☒ No ☐ Yes (Submit copy)

✓ CBL-CCL-GR

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 20" | 14" | 36.7# | | 40' | | 28 - Ready Mix | | | |
| 12 1/4" | 9 5/8" | 36# | 35 | 2080' | | 775 - Prem G | | | |
| 7 7/8" | 4 1/2" | 11.6# | 190 | 8400' | | 1100 - Pot | | | |
| | | | | | | 346 - Prem L & IV | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Set (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-----------------|
| 2 3/8" | 7708' | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------|-------|--------|---------------------|------|-----------|--------------|
| A) MESAVERDE | 7418' | 8114' | 7418'-8114' | 0.36 | 132 | OPEN |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and type of Material |
|----------------|---|
| 7418'-8114' | PMP 15,126 BBLs SLICK H2O & 556,299# 30/50 SD |

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OCT 06 2008

28. Production - Interval A

DIV. OF OIL, GAS & MINING

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|----------------------|-----------------|---------|---------|-----------|-----------------------|-------------|--------------------|
| 09/12/08 | 09/14/08 | 24 | → | 0 | 3,000 | 720 | | | FLOWS FROM WELL |
| Choke Size | Tbg. Press. Flwg. 2000# SI | Csg. Press. 2750# SI | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Well Status | |
| 20/64 | | | → | 0 | 3000 | 720 | | | PRODUCING GAS WELL |

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Well Status | |
| | | | → | | | | | | |

(See instructions and spaces for additional data on reverse side)

28b. Production - Interval C

| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |

28c. Production - Interval D

| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top |
|---|----------------------------------|----------------|------------------------------|------|-------------|
| | | | | | Meas. Depth |
| GREEN RIVER MAHOGANY WASATCH MESAVERDE | 1189' 1937' 4169' 6189' | 6173' 8279' | | | |

32. Additional remarks (include plugging procedure):

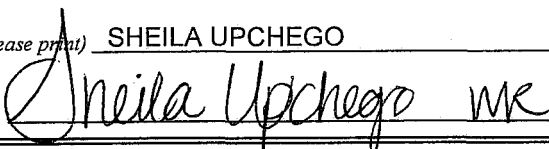
33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 5. Core Analysis 7. Other:

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) SHEILA UPCHEGOTitle REGULATORY ANALYST

Signature

Date 10/01/08

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

| | | |
|--|---|--|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. UTU38420 |
| 2. Name of Operator KERR-MCGEE OIL & GAS ONSHORE | | 6. If Indian, Allottee or Tribe Name |
| Contact: SHEILA UPCHEGO Email: sheila.upchego@anadarko.com | | 7. If Unit or CA/Agreement, Name and/or No. |
| 3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078 | 3b. Phone No. (include area code) Ph: 435-781-7024 | 8. Well Name and No. BONANZA 1023-7B-3 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 7 T10S R23E NWNE 1252FNL 2234FEL | | 9. API Well No. 43-047-38912 |
| | | 10. Field and Pool, or Exploratory NATURAL BUTTES |
| | | 11. County or Parish, and State UINTAH COUNTY, UT |

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input checked="" type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

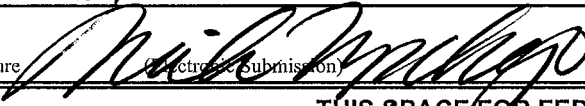
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO COMPLETE THE WASATCH AND MESAVERDE FORMATIONS. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH AND MESAVERDE FORMATIONS, ALONG WITH THE EXISTING MESAVERDE FORMATIONS.

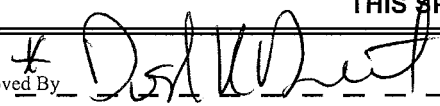
PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

COPY SENT TO OPERATOR

Date: 3/18/2009Initials: KS

| | |
|--|------------------|
| 14. I hereby certify that the foregoing is true and correct. Electronic Submission #67731 verified by the BLM Well Information System For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal | |
| Name (Printed/Typed) SHEILA UPCHEGO | Title OPERATIONS |
| Signature  | Date 03/02/2009 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|------------------------|--|
| Approved By  | Title <u>Pet. Eng.</u> | Date <u>3/12/09</u> |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office <u>DOOM</u> | Federal Approval of This Action Is Necessary |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **
* Cause 179-12

MAR 04 2009

DIV. OF OIL, GAS & MINING

Name: Bonanza 1023-7B3
Location: SW NW NE Sec. 7 10S 23E
Uintah County, UT
Date: **02/19/09**

ELEVATIONS: 5280 GL 5298 KB

TOTAL DEPTH: 8400 **PBTD:** 8351
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2075'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 8396'
Marker Joint **4115-4136'**

TUBULAR PROPERTIES:

| | BURST (psi) | COLLAPSE (psi) | DRIFT DIA. (in.) | CAPACITIES | |
|----------------------------------|----------------|-------------------|---------------------|------------|----------|
| | | | | (bbl/ft) | (gal/ft) |
| 2 3/8" 4.7# J-55 tbg | 7,700 | 8,100 | 1.901" | 0.00387 | 0.1624 |
| 4 1/2" 11.6# I-80 (See above) | 7780 | 6350 | 3.875" | 0.0155 | 0.6528 |
| 2 3/8" by 4 1/2" Annulus | | | | 0.0101 | 0.4227 |

TOPS:

1189' Green River
1426' Birdsnest
1937' Mahogany
4160' Wasatch
6413' Mesaverde
Estimated T.O.C. from CBL @2000

GENERAL:

- A minimum of 27 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 08/14/08
- 8 fracturing stages required for coverage.
- Procedure calls for 9 CBP's (8000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and 1/2 the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200 psi.**
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.

- Pump resin coated sand last 5,000# of all frac stages
- Tubing Currently Landed @~7708
- Originally completed on 09/09/08
- **PLEASE NOTE THIS WELL REQUIRES DFIT's.**

Existing Perforations:

| Zone | From | To | SPF | # of Shots |
|-----------|------|------|-----|------------|
| Mesaverde | 7418 | 7420 | 4 | 8 |
| Mesaverde | 7473 | 7475 | 4 | 8 |
| Mesaverde | 7545 | 7550 | 4 | 16 |
| Mesaverde | 7612 | 7614 | 4 | 8 |
| Mesaverde | 7654 | 7656 | 4 | 8 |
| Mesaverde | 7736 | 7738 | 4 | 8 |
| Mesaverde | 7758 | 7760 | 4 | 8 |
| Mesaverde | 7790 | 7792 | 4 | 8 |
| Mesaverde | 7834 | 7836 | 4 | 8 |
| Mesaverde | 7867 | 7870 | 4 | 12 |
| Mesaverde | 7948 | 7950 | 4 | 8 |
| Mesaverde | 8058 | 8062 | 4 | 16 |
| Mesaverde | 8110 | 8114 | 4 | 16 |
| Mesaverde | 8250 | 8252 | 4 | 8 |

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7708'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 7404 (50' below proposed CBP). Otherwise P/U a mill and C/O to 7404 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 7354'. Pressure test BOP and casing to 6000 psi. .
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

| | | | | |
|-----------|------|------|-----|------------|
| Zone | From | To | spf | # of shots |
| MESAVERDE | 7320 | 7324 | 4 | 16 |

RIH with downhole gauges on slickline, set gauges @ 7310' and perform a DFIT test.

R/U Halliburton tools to perform a DFIT test.

All DFIT tests to include;

- a. Pump 1000 gals @ ±5 bpm

- b. **Dump bail** acid if need to b/d perfs
- c. After pumping the above volume, shut well in and monitor for 6 hours or as directed by Denver engineering.
- d. POOH w/ slickline and DH gauges.

6. Perf the **remaining stage** with 3-3/8" gun, 23 gm, 0.36" hole:

| Zone | From | To | spf | # of shots |
|-----------|------|------|-----|------------|
| MESAVERDE | 7158 | 7160 | 3 | 6 |
| MESAVERDE | 7220 | 7222 | 3 | 6 |
| MESAVERDE | 7250 | 7254 | 4 | 16 |

7. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~7108' and trickle 250gal 15%HCL w/ scale inhibitor in flush .

8. Set 8000 psi CBP at ~7082'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

| Zone | From | To | spf | # of shots |
|-----------|------|------|-----|------------|
| MESAVERDE | 7046 | 7052 | 3 | 18 |

RIH with downhole gauges on slickline, set gauges @ 7036' and perform a DFIT test.

R/U Halliburton tools to perform a DFIT test.

All DFIT tests to include;

- a. Pump 1000 gals @ ± 5 bpm
- b. **Dump bail** acid if need to b/d perfs
- c. After pumping the above volume, shut well in and monitor for 6 hours or as directed by Denver engineering.
- d. POOH w/ slickline and DH gauges.

9. Perf the **remaining stage** with 3-3/8" gun, 23 gm, 0.36" hole:

| Zone | From | To | spf | # of shots |
|-----------|------|------|-----|------------|
| MESAVERDE | 6978 | 6982 | 3 | 12 |
| MESAVERDE | 7006 | 7010 | 3 | 12 |

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6928' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

11. Set 8000 psi CBP at ~6880'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

| Zone | From | To | spf | # of shots |
|-----------|------|------|-----|------------|
| MESAVERDE | 6719 | 6721 | 4 | 8 |
| MESAVERDE | 6762 | 6764 | 4 | 8 |
| MESAVERDE | 6828 | 6832 | 4 | 16 |
| MESAVERDE | 6848 | 6850 | 4 | 8 |

12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6669' trickle 250gal 15%HCL w/ scale inhibitor in flush.

13. Set 8000 psi CBP at ~6470'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

| Zone | From | To | spf | # of shots |
|-----------|------|------|-----|------------|
| MESAVERDE | 6326 | 6332 | 4 | 24 |
| MESAVERDE | 6436 | 6440 | 4 | 16 |

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6276' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

15. Set 8000 psi CBP at ~6134'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

| Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 6094 | 6104 | 4 | 40 |

16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~6044' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

17. Set 8000 psi CBP at ~5860'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

| Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 5788 | 5792 | 4 | 16 |
| WASATCH | 5824 | 5830 | 4 | 24 |

18. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~5738' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

19. Set 8000 psi CBP at ~5382'. Perf the following 3-3/8" gun, 23 gm, 0.36" hole:

| Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 5188 | 5192 | 3 | 12 |
| WASATCH | 5296 | 5300 | 4 | 16 |
| WASATCH | 5348 | 5352 | 4 | 16 |

20. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 7 on attached listing. Under-displace to ~5138' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

21. Set 8000 psi CBP at ~4986'. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

| Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 4718 | 4720 | 3 | 6 |
| WASATCH | 4826 | 4832 | 3 | 18 |
| WASATCH | 4950 | 4956 | 3 | 18 |

22. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 8 on attached listing. Under-displace to ~4668' and flush only with recycled water.

23. Set 8000 psi CBP at~4668'.

24. TIH with 3 7/8" mill, pump-off sub, SN and tubing.

25. Mill plugs and clean out to PBTD. Land tubing at ±7708' and pump off bit unless indicated otherwise by the well's behavior. This well will be commingled at this time.

26. RDMO

27. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

**For design questions, please call
Sarah Schaftenaar, Denver, CO
(303)-895-5883 (Cell)
(720)-929-6605 (Office)**

**For field implementation questions, please call
Robert Miller, Vernal, UT
4350781 7041 (Office)**

NOTES:

Fracturing Schedules
Bonanza 1023-7B3
Slickwater Frac

| Stage | Zone | Feet of Pay | Perfs Top, ft. Bot, ft. | SPF | Holes | Rate BPM | Fluid Type | Initial ppg | Final ppg | Field | Volume gals | Cum Vol gals | Volume BBLs | Cum Vol BBLs | Fluid % of frac | Sand % of frac | Sand lbs | Cum. Sand lbs | Footage from CBP to Flush | Scale Inhib., gal. |
|-------|-----------|----------------|----------------------------|-----|-------|-------------|--------------------------|----------------|--------------|------------|----------------|-----------------|----------------|-----------------|--------------------|-------------------|-------------|------------------|------------------------------|--------------------------|
| 1 | MESAVERDE | 11 | 7158 7160 | 3 | 6 | Varied | Pump-in test | | | Slickwater | | 0 | 0 | 0 | | | | | | |
| | MESAVERDE | 8 | 7220 7222 | 3 | 6 | 0 | ISIP and 5 min ISIP | | | Slickwater | 18,000 | 18,000 | 429 | 429 | 15.0% | 0.0% | 0 | 0 | | 46 |
| | MESAVERDE | 2 | 7250 7254 | 4 | 16 | 50 | Slickwater Pad | 0.25 | 1 | Slickwater | 34,000 | 52,000 | 810 | 1,238 | 28.3% | 16.0% | 21,250 | 21,250 | | 54 |
| | MESAVERDE | 4 | 7330 7334 | 4 | 16 | 50 | Slickwater Ramp | 0 | 0 | Slickwater | 0 | 52,000 | 0 | 1,238 | 0.0% | 0.0% | 0 | 21,250 | | 51 |
| | MESAVERDE | 10 | No perfs | | | 50 | SW Sweep | 0 | 1.5 | Slickwater | 34,000 | 86,000 | 810 | 2,048 | 28.3% | 33.7% | 42,500 | 63,750 | | 51 |
| | MESAVERDE | 9 | No perfs | | | 50 | Slickwater Ramp | 0 | 0 | Slickwater | 0 | 91,250 | 125 | 2,173 | 0.0% | 0.0% | 0 | 63,750 | | 0 |
| | MESAVERDE | 29 | No perfs | | | 50 | SW Sweep | 0.5 | 1.5 | Slickwater | 3,000 | 94,250 | 71 | 2,244 | 2.4% | 3.000 | 66,750 | | 0 | |
| | MESAVERDE | 13 | No perfs | | | 50 | Slickwater Ramp | 1.5 | 2 | Slickwater | 34,000 | 128,250 | 810 | 2,982 | 28.3% | 47.1% | 59,500 | 126,250 | | 0 |
| | MESAVERDE | 2 | No perfs | | | 50 | Slickwater Ramp | 1.5 | 2 | Slickwater | 4,640 | 129,890 | 110 | 3,093 | | | 126,250 | | 46 | |
| | MESAVERDE | 11 | No perfs | | | 50 | Flush (4-1/2") | | | | | | | | | | | | | |
| | MESAVERDE | 0 | | | | | ISIP and 5 min ISIP | | | | 129,890 | | | | | | | | | |
| | | 56 | # of Perforations | | 44 | 61.9 | << Above pump time (min) | | | | | | | | Flush depth | 7108 | gal/ft | 1,250 | 1,315 | 26 |
| | | | | | | | | | | | | | | | | | | | | |
| 2 | MESAVERDE | 15 | 6878 6902 | 3 | 12 | Varied | Pump-in test | | | Slickwater | | 0 | 0 | 0 | | | | | | |
| | MESAVERDE | 5 | 7006 7010 | 3 | 12 | 0 | ISIP and 5 min ISIP | | | Slickwater | 14,063 | 14,063 | 335 | 335 | 15.0% | 0.0% | 0 | 0 | | 42 |
| | MESAVERDE | 17 | 7046 7052 | 3 | 18 | 50 | Slickwater Pad | 0.25 | 1 | Slickwater | 26,563 | 40,625 | 632 | 967 | 28.3% | 16.7% | 16,602 | 16,602 | | 40 |
| | MESAVERDE | 34 | No perfs | | | 50 | SW Sweep | 0 | 0 | Slickwater | 0 | 40,625 | 0 | 967 | 0.0% | 0.0% | 0 | 16,602 | | 0 |
| | MESAVERDE | 0 | No perfs | | | 50 | Slickwater Ramp | 1 | 1.5 | Slickwater | 26,563 | 67,188 | 632 | 1,600 | 28.3% | 33.4% | 33,203 | 49,805 | | 40 |
| | MESAVERDE | 0 | | | | 50 | SW Sweep | 0 | 0 | Slickwater | 0 | 72,438 | 125 | 1,725 | 0.0% | 0.0% | 0 | 49,805 | | 0 |
| | MESAVERDE | 0 | | | | 50 | Slickwater Ramp | 0.5 | 1.5 | Slickwater | 3,000 | 75,438 | 71 | 1,796 | 3.0% | 3.000 | 52,805 | | 0 | |
| | MESAVERDE | 0 | | | | 50 | Slickwater Ramp | 1.5 | 2 | Slickwater | 26,563 | 99,000 | 632 | 2,357 | 28.3% | 46.8% | 46,484 | 99,289 | | 0 |
| | MESAVERDE | 0 | | | | 50 | Flush (4-1/2") | | | | 4,523 | 103,523 | 108 | 2,465 | | | 99,289 | | 45 | |
| | MESAVERDE | 0 | | | | | ISIP and 5 min ISIP | | | | 103,523 | | | | | | | | | |
| | | 75 | # of Perforations | | 42 | 47.1 | << Above pump time (min) | | | | | | | | Flush depth | 6928 | gal/ft | 1,250 | 1,324 | 48 |
| | | | | | | | | | | | | | | | | | | | | |
| 3 | MESAVERDE | 2 | 6719 6721 | 4 | 8 | Varied | Pump-in test | | | Slickwater | | 0 | 0 | 0 | | | | | | |
| | MESAVERDE | 4 | 6762 6764 | 4 | 8 | 0 | ISIP and 5 min ISIP | | | Slickwater | 2,625 | 2,625 | 63 | 63 | 15.0% | 0.0% | 0 | 0 | | 8 |
| | MESAVERDE | 6 | 6808 6832 | 4 | 16 | 50 | Slickwater Pad | 0.25 | 1 | Slickwater | 4,958 | 7,583 | 118 | 181 | 28.3% | 12.2% | 3,099 | 3,099 | | 7 |
| | MESAVERDE | 3 | 6848 6850 | 4 | 8 | 50 | SW Sweep | 0 | 0 | Slickwater | 0 | 7,583 | 0 | 181 | 0.0% | 0.0% | 0 | 3,099 | | 0 |
| | MESAVERDE | 0 | | | | 50 | Slickwater Ramp | 1 | 1.5 | Slickwater | 4,958 | 12,542 | 118 | 299 | 28.3% | 34.5% | 6,198 | 9,297 | | 7 |
| | MESAVERDE | 0 | | | | 50 | SW Sweep | 0 | 0 | Slickwater | 0 | 12,542 | 0 | 299 | 0.0% | 0.0% | 0 | 9,297 | | 0 |
| | MESAVERDE | 0 | | | | 50 | Slickwater Ramp | 0.5 | 1.5 | Slickwater | 0 | 12,542 | 0 | 299 | 0.0% | 0.0% | 0 | 9,297 | | 0 |
| | MESAVERDE | 0 | | | | 50 | Slickwater Ramp | 1.5 | 2 | Slickwater | 4,958 | 17,500 | 118 | 417 | 28.3% | 48.3% | 8,677 | 17,974 | | 0 |
| | MESAVERDE | 0 | | | | 50 | Flush (4-1/2") | | | | 4,354 | 21,854 | 104 | 520 | | | 17,974 | | 42 | |
| | MESAVERDE | 0 | | | | | ISIP and 5 min ISIP | | | | 21,854 | | | | | | | | | |
| | | 14 | # of Perforations | | 40 | 8.3 | << Above pump time (min) | | | | LOOK | | LOOK | | Flush depth | 6669 | gal/ft | 1,250 | 1,284 | 199 |
| | | | | | | | | | | | | | | | | | | | | |
| 4 | MESAVERDE | 31 | 6326 6332 | 4 | 24 | Varied | Pump-in test | | | Slickwater | | 0 | 0 | 0 | | | | | | |
| | MESAVERDE | 11 | 6436 6440 | 4 | 16 | 0 | ISIP and 5 min ISIP | | | Slickwater | 11,700 | 11,700 | 279 | 279 | 15.0% | 0.0% | 0 | 0 | | 35 |
| | MESAVERDE | 15 | | | | 50 | Slickwater Pad | 0.25 | 1 | Slickwater | 22,100 | 33,800 | 526 | 805 | 28.3% | 16.6% | 13,813 | 13,813 | | 33 |
| | MESAVERDE | 31 | No perfs | | | 50 | SW Sweep | 0 | 0 | Slickwater | 0 | 33,800 | 0 | 805 | 0.0% | 0.0% | 0 | 13,813 | | 0 |
| | MESAVERDE | 1 | No perfs | | | 50 | Slickwater Ramp | 1 | 1.5 | Slickwater | 22,100 | 55,900 | 526 | 1,331 | 28.3% | 33.2% | 27,825 | 41,438 | | 33 |
| | MESAVERDE | 0 | | | | 50 | SW Sweep | 0 | 0 | Slickwater | 0 | 61,150 | 125 | 1,456 | 0.0% | 0.0% | 0 | 41,438 | | 0 |
| | MESAVERDE | 0 | | | | 50 | Slickwater Ramp | 0.5 | 1.5 | Slickwater | 3,000 | 64,150 | 71 | 1,527 | 3.0% | 3.000 | 44,438 | | 0 | |
| | MESAVERDE | 0 | | | | 50 | Slickwater Ramp | 1.5 | 2 | Slickwater | 22,100 | 83,250 | 526 | 1,992 | 28.3% | 46.5% | 38,675 | 83,113 | | 0 |
| | MESAVERDE | 0 | | | | 50 | Flush (4-1/2") | | | | 4,097 | 87,347 | 98 | 2,080 | | | 83,113 | | 40 | |
| | MESAVERDE | 0 | | | | | ISIP and 5 min ISIP | | | | 87,347 | | | | | | | | | |
| | | 96 | # of Perforations | | 40 | 39.5 | << Above pump time (min) | | | | | | | | Flush depth | 6276 | gal/ft | 800 | 852 | 142 |
| | | | | | | | | | | | | | | | | | | | | |
| 5 | WASATCH | 6 | 6084 6104 | 4 | 40 | Varied | Pump-in test | | | Slickwater | | 0 | 0 | 0 | | | | | | |
| | WASATCH | 18 | No perfs | | | 0 | ISIP and 5 min ISIP | | | Slickwater | 3,240 | 3,240 | 77 | 77 | 15.0% | 0.0% | 0 | 0 | | 10 |
| | WASATCH | 0 | | | | 50 | Slickwater Pad | 0.25 | 1 | Slickwater | 6,120 | 9,360 | 146 | 223 | 28.3% | 12.2% | 3,825 | 3,825 | | 9 |
| | WASATCH | 0 | | | | 50 | SW Sweep | 0 | 0 | Slickwater | 0 | 9,360 | 0 | 223 | 0.0% | 0.0% | 0 | 3,825 | | 0 |
| | WASATCH | 0 | | | | 50 | Slickwater Ramp | 1 | 1.5 | Slickwater | 6,120 | 15,480 | 146 | 369 | 28.3% | 34.5% | 7,650 | 11,475 | | 9 |
| | WASATCH | 0 | | | | 50 | SW Sweep | 0 | 0 | Slickwater | 0 | 15,480 | 0 | 369 | 0.0% | 0.0% | 0 | 11,475 | | 0 |
| | WASATCH | 0 | | | | 50 | Slickwater Ramp | 0.5 | 1.5 | Slickwater | 0 | 15,480 | 0 | 369 | 0.0% | 0.0% | 0 | 11,475 | | 0 |
| | WASATCH | 0 | | | | 50 | Slickwater Ramp | 1.5 | 2 | Slickwater | 6,120 | 21,600 | 146 | 514 | 28.3% | 48.3% | 10,710 | 22,185 | | 0 |
| | WASATCH | 0 | | | | 50 | Flush (4-1/2") | | | | 3,946 | 25,546 | 94 | 608 | | | 22,185 | | 38 | |
| | WASATCH | 0 | | | | | ISIP and 5 min ISIP | | | | 25,546 | | | | | | | | | |
| | | 24 | # of Perforations | | 40 | 10.3 | << Above pump time (min) | | | | | | | | Flush depth | 6044 | gal/ft | 900 | 924 | 164 |
| | | | | | | | | | | | | | | | | | | | | |
| 6 | WASATCH | 5 | 5708 5732 | 4 | 16 | Varied | Pump-in test | | | Slickwater | | 0 | 0 | 0 | | | | | | |
| | WASATCH | 3 | 5824 5830 | 4 | 24 | 0 | ISIP and 5 min ISIP | | | Slickwater | 2,813 | 2,813 | 67 | 67 | 15.0% | 0.0% | 0 | 0 | | 8 |
| | WASATCH | 0 | | | | 50 | Slickwater Pad | 0.25 | 1 | Slickwater | 5,313 | 8,125 | 126 | 193 | 28.3% | 12.2% | 3,320 | 3,320 | | 8 |
| | WASATCH | 0 | | | | 50 | SW Sweep | 0 | 0 | Slickwater | 0 | 8,125 | 0 | 193 | 0.0% | 0.0% | 0 | 3,320 | | 0 |
| | WASATCH | 0 | | | | 50 | Slickwater Ramp | 1 | 1.5 | Slickwater | 5,313 | 13,438 | 126 | 320 | 28.3% | 34.5% | 6,641 | 9,961 | | 8 |
| | WASATCH | 0 | | | | 50 | SW Sweep | 0 | 0 | Slickwater | 0 | 13,438 | 0 | 320 | 0.0% | 0.0% | 0 | 9,961 | | 0 |
| | WASATCH | 0 | | | | 50 | Slickwater Ramp | 0.5 | 1.5 | Slickwater | 0 | 13,438 | 0 | 320 | 0.0% | 0.0% | 0 | 9,961 | | 0 |
| | WASATCH | 0 | | | | 50 | Slickwater Ramp | 1.5 | 2 | Slickwater | 5,313 | 18,750 | 126 | 446 | 28.3% | 48.3% | 9,297 | 19,258 | | 0 |
| | WASATCH | 0 | | | | 50 | Flush (4-1/2") | | | | 3,746 | 22,496 | 89 | 536 | | | 19,258 | | 35 | |
| | WASATCH | 0 | | | | | ISIP and 5 min ISIP | | | | 22,496 | | | | | | | | | |
| | | 8 | # of Perforations | | 40 | 8.9 | << Above pump time (min) | | | | LOOK | | LOOK | | Flush depth | 6738 | gal/ft | 2,500 | 2,568 | 356 |
| | | | | | | | | | | | | | | | | | | | | |
| 7 | WASATCH | 7 | 5188 5192 | 3 | 12 | Varied | Pump-in test | | | Slickwater | | 0 | 0 | 0 | | | | | | |
| | WASATCH | 5 | 5296 5300 | 4 | 16 | 0 | ISIP and 5 min ISIP | | | Slickwater | 3,150 | 3,150 | 75 | 75 | 15.0% | 0.0% | 0 | 0 | | 9 |
| | WASATCH | 6 | 5348 5352 | 4 | 16 | 50 | Slickwater Pad | 0.25 | 1 | Slickwater | 5,950 | 9,100 | 142 | 217 | 28.3% | 12.2% | 3,719 | 3,719 | | 9 |
| | WASATCH | 0 | | | | 50 | SW Sweep | 0 | 0 | Slickwater | 0 | 9,100 | 0 | 217 | 0.0% | 0.0% | 0 | 3,719 | | 0 |
| | WASATCH | 0 | | | | 50 | Slickwater Ramp | 1 | 1.5 | Slickwater | 5,950 | 15,050 | 142 | 358 | 28.3% | 34.5% | 7,438 | 11,156 | | 9 |
| | WASATCH | 0 | | | | 50 | SW Sweep | 0 | 0 | Slickwater | 0 | 15,050 | 0 | 358 | 0.0% | 0.0% | 0 | 11,156 | | 0 |
| | WASATCH | 0 | | | | 50 | Slickwater Ramp | 0.5 | 1.5 | Slickwater | 0 | 15,050 | 0 | 358 | 0.0% | 0.0% | 0 | 11,156 | | 0 |
| | WASATCH | 0 | | | | 50 | Slickwater Ramp | 1.5 | 2 | Slickwater | 5,950 | 21,000 | 142 | 500 | 28.3% | 48.3% | 10,413 | 21,569 | | 0 |
| | WASATCH | 0 | | | | 50 | Flush (4-1/2") | | | | 3,354 | 24,354 | 80 | 580 | | | 21,569 | | 32 | |
| | WASATCH | 0 | | | | | ISIP and 5 min ISIP | | | | 24,354 | | | | | | | | | |
| | | 18 | # of Perforations | | 44 | 10.0 | << Above pump time (min) | | | | LOOK | | LOOK | | Flush depth | 6138 | gal/ft | 1,200 | 1,233 | 152 |
| | | | | | | | | | | | | | | | | | | | | |
| 8 | WASATCH | 35 | 4718 4720 | 3 | 6 | Varied | Pump-in test | | | | | | | | | | | | | |

Bonanza 1023-7B3
Perforation and CBP Summary

| Stage | Zones | Perforations | | SPF | Holes | Fracture Coverage | | |
|-------|------------------|--------------|------------|-----|-------|-------------------|-------|--------|
| | | Top, ft | Bottom, ft | | | | | |
| 1 | MESAVERDE | 7158 | 7160 | 3 | 6 | 7149.5 | to | 7160.5 |
| | MESAVERDE | 7220 | 7222 | 3 | 6 | 7163 | to | 7170.5 |
| | MESAVERDE | 7250 | 7254 | 4 | 16 | 7172.5 | to | 7174 |
| | MESAVERDE | 7320 | 7324 | 4 | 16 | 7214.5 | to | 7218.5 |
| | MESAVERDE | | No perms | | | 7219.5 | to | 7229 |
| | MESAVERDE | | No perms | | | 7234.5 | to | 7243.5 |
| | MESAVERDE | | No perms | | | 7245.5 | to | 7274 |
| | MESAVERDE | | No perms | | | 7313.5 | to | 7326 |
| | MESAVERDE | | No perms | | | 7327.5 | to | 7329.5 |
| | MESAVERDE | | No perms | | | 7331 | to | 7341.5 |
| | # of Perfs/stage | | | | 44 | CBP DEPTH | 7,082 | |
| 2 | MESAVERDE | 6978 | 6982 | 3 | 12 | 6976 | to | 6991 |
| | MESAVERDE | 7006 | 7010 | 3 | 12 | 6993 | to | 6997.5 |
| | MESAVERDE | 7046 | 7052 | 3 | 18 | 7000 | to | 7016.5 |
| | MESAVERDE | | No perms | | | 7024.5 | to | 7058 |
| | MESAVERDE | | No perms | | | 7073.5 | to | 7079 |
| | # of Perfs/stage | | | | 42 | CBP DEPTH | 6,880 | |
| 3 | MESAVERDE | 6719 | 6721 | 4 | 8 | 6719 | to | 6720.5 |
| | MESAVERDE | 6762 | 6764 | 4 | 8 | 6761 | to | 6764.5 |
| | MESAVERDE | 6828 | 6832 | 4 | 16 | 6826.5 | to | 6832.5 |
| | MESAVERDE | 6848 | 6850 | 4 | 8 | 6846.5 | to | 6849.5 |
| | # of Perfs/stage | | | | 40 | CBP DEPTH | 6,470 | |
| 4 | MESAVERDE | 6326 | 6332 | 4 | 24 | 6319 | to | 6350 |
| | MESAVERDE | 6436 | 6440 | 4 | 16 | 6417.5 | to | 6428 |
| | MESAVERDE | | No perms | | | 6429 | to | 6443.5 |
| | MESAVERDE | | No perms | | | 6444.5 | to | 6454.5 |
| | MESAVERDE | | No perms | | | 6456 | to | 6487 |
| | MESAVERDE | | No perms | | | 6497 | to | 6497.5 |
| | # of Perfs/stage | | | | 40 | CBP DEPTH | 6,134 | |
| 5 | WASATCH | 6094 | 6104 | 4 | 40 | 6083 | to | 6089 |
| | WASATCH | | No perms | | | 6090.5 | to | 6108.5 |
| | # of Perfs/stage | | | | 40 | CBP DEPTH | 5,860 | |
| 6 | WASATCH | 5788 | 5792 | 4 | 16 | 5787.5 | to | 5792 |
| | WASATCH | 5824 | 5830 | 4 | 24 | 5825.5 | to | 5828.5 |
| | # of Perfs/stage | | | | 40 | CBP DEPTH | 5,382 | |
| 7 | WASATCH | 5188 | 5192 | 3 | 12 | 5186 | to | 5193 |
| | WASATCH | 5296 | 5300 | 4 | 16 | 5295.5 | to | 5300.5 |
| | WASATCH | 5348 | 5352 | 4 | 16 | 5347 | to | 5352.5 |
| | # of Perfs/stage | | | | 44 | CBP DEPTH | 4,986 | |
| 8 | WASATCH | 4718 | 4720 | 3 | 6 | 4695 | to | 4730 |
| | WASATCH | 4826 | 4832 | 3 | 18 | 4821 | to | 4835 |
| | WASATCH | 4950 | 4956 | 3 | 18 | 4944.5 | to | 4960 |
| | # of Perfs/stage | | | | 42 | CBP DEPTH | 4,668 | |
| | Totals | | | | 332 | | | |

Bonanza 1023-7B3
Perforation and CBP Summary

| Stage | Zones | Perforations | | SPF | Holes | | Fracture Coverage | | |
|-------|------------------|--------------|------------|-----|-------|--|-------------------|-------|--------|
| | | Top, ft | Bottom, ft | | | | | | |
| 1 | MESAVERDE | 7158 | 7160 | 3 | 6 | | 7149.5 | to | 7160.5 |
| | MESAVERDE | 7220 | 7222 | 3 | 6 | | 7163 | to | 7170.5 |
| | MESAVERDE | 7250 | 7254 | 4 | 16 | | 7172.5 | to | 7174 |
| | MESAVERDE | 7320 | 7324 | 4 | 16 | | 7214.5 | to | 7218.5 |
| | MESAVERDE | | No perfs | | | | 7219.5 | to | 7229 |
| | MESAVERDE | | No perfs | | | | 7234.5 | to | 7243.5 |
| | MESAVERDE | | No perfs | | | | 7245.5 | to | 7274 |
| | MESAVERDE | | No perfs | | | | 7313.5 | to | 7326 |
| | MESAVERDE | | No perfs | | | | 7327.5 | to | 7329.5 |
| | MESAVERDE | | No perfs | | | | 7331 | to | 7341.5 |
| | # of Perfs/stage | | | | 44 | | CBP DEPTH | 7,082 | |
| 2 | MESAVERDE | 6978 | 6982 | 3 | 12 | | 6976 | to | 6991 |
| | MESAVERDE | 7006 | 7010 | 3 | 12 | | 6993 | to | 6997.5 |
| | MESAVERDE | 7046 | 7052 | 3 | 18 | | 7000 | to | 7016.5 |
| | MESAVERDE | | No perfs | | | | 7024.5 | to | 7058 |
| | MESAVERDE | | No perfs | | | | 7073.5 | to | 7079 |
| | # of Perfs/stage | | | | 42 | | CBP DEPTH | 6,880 | |
| 3 | MESAVERDE | 6719 | 6721 | 4 | 8 | | 6719 | to | 6720.5 |
| | MESAVERDE | 6762 | 6764 | 4 | 8 | | 6761 | to | 6764.5 |
| | MESAVERDE | 6828 | 6832 | 4 | 16 | | 6826.5 | to | 6832.5 |
| | MESAVERDE | 6848 | 6850 | 4 | 8 | | 6846.5 | to | 6849.5 |
| | # of Perfs/stage | | | | 40 | | CBP DEPTH | 6,470 | |
| 4 | MESAVERDE | 6326 | 6332 | 4 | 24 | | 6319 | to | 6350 |
| | MESAVERDE | 6436 | 6440 | 4 | 16 | | 6417.5 | to | 6428 |
| | MESAVERDE | | No perfs | | | | 6429 | to | 6443.5 |
| | MESAVERDE | | No perfs | | | | 6444.5 | to | 6454.5 |
| | MESAVERDE | | No perfs | | | | 6456 | to | 6487 |
| | MESAVERDE | | No perfs | | | | 6497 | to | 6497.5 |
| | # of Perfs/stage | | | | 40 | | CBP DEPTH | 6,134 | |
| 5 | WASATCH | 6094 | 6104 | 4 | 40 | | 6083 | to | 6089 |
| | WASATCH | | No perfs | | | | 6090.5 | to | 6108.5 |
| | # of Perfs/stage | | | | 40 | | CBP DEPTH | 5,860 | |
| 6 | WASATCH | 5788 | 5792 | 4 | 16 | | 5787.5 | to | 5792 |
| | WASATCH | 5824 | 5830 | 4 | 24 | | 5825.5 | to | 5828.5 |
| | # of Perfs/stage | | | | 40 | | CBP DEPTH | 5,382 | |
| 7 | WASATCH | 5188 | 5192 | 3 | 12 | | 5186 | to | 5193 |
| | WASATCH | 5296 | 5300 | 4 | 16 | | 5295.5 | to | 5300.5 |
| | WASATCH | 5348 | 5352 | 4 | 16 | | 5347 | to | 5352.5 |
| | # of Perfs/stage | | | | 44 | | CBP DEPTH | 4,986 | |
| 8 | WASATCH | 4718 | 4720 | 3 | 6 | | 4695 | to | 4730 |
| | WASATCH | 4826 | 4832 | 3 | 18 | | 4821 | to | 4835 |
| | WASATCH | 4950 | 4956 | 3 | 18 | | 4944.5 | to | 4960 |
| | # of Perfs/stage | | | | 42 | | CBP DEPTH | 4,668 | |
| | Totals | | | | 332 | | | | |

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-38420 |
| 1. TYPE OF WELL Gas Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | | 7. UNIT or CA AGREEMENT NAME: |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | | 8. WELL NAME and NUMBER: BONANZA 1023-7B-3 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1252 FNL 2234 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 07 Township: 10.0S Range: 23.0E Meridian: S | | 9. API NUMBER: 43047389120000 |
| PHONE NUMBER: 720 929-6007 Ext | | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
| COUNTY: UINTAH | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/20/2009 | <input type="checkbox"/> ALTER CASING | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input type="checkbox"/> OTHER: | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. | | |
| THE OPERATOR HAS PERFORMED THE RECOMPLETION ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS COMPLETED THE NEWLY WASATCH AND MESAVERDE FORMATIONS, AND HAS COMMINGLED THE NEWLY WASATCH AND MESAVERDE FORMATIONS, ALONG WITH THE EXISTING MESAVERDE FORMATION. THE OPERATOR HAS PLACED THE SUBJECT WELL LOCATION ON PRODUCTION ON 09/20/2009 AT 12:00 P.M. PLEASE REFER TO THE ATTACHED RECOMPLETION CHRONOLOGICAL WELL HISTORY. | | |
| NAME (PLEASE PRINT) Andy Lytle | | PHONE NUMBER 720 929-6100 |
| SIGNATURE N/A | | TITLE Regulatory Analyst |
| | | DATE 9/21/2009 |

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 September 23, 2009

US ROCKIES REGION

Operation Summary Report

| | | | |
|--|-------------------------|--------------------------|------------------------|
| Well: BONANZA 1023-7B-3 | | Spud Conductor: 8/1/2008 | Spud Date: 8/3/2008 |
| Project: UTAH-UINTAH | Site: BONANZA 1023-7B-3 | | Rig Name No: MILES 2/2 |
| Event: RECOMPL/RESERVEADD | Start Date: 9/14/2009 | End Date: 9/18/2009 | |
| Active Datum: RKB @5,298.01ft (above Mean Sea Level) | | UWI: BONANZA 1023-7B-3 | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (ft) | Operation |
|-----------|-------------------|------------------|-------|------|-------------|-----|-----------------|--|
| 9/14/2009 | 7:00 - 7:30 | 0.50 | COMP | 48 | | P | | HSM, RIGGING UP RIG, CHECKING WELL FOR H2S AND CONTOLING WELL. |
| | 7:30 - 15:00 | 7.50 | COMP | 31 | I | P | | RU RIG, SICP 170 PAI, SITP 170 PSI.CONTOL WELL W/ 30 BBLS 2% KCL DWN TBG AND 30 BBLS 2% KCL DWN CSG. ND WH, UNLAND TBG TO MAKE SURE TBG WAS FREE OK. NU BOPS TEST LOW 300 OK, HIGH 3,000 OK. L/D HANGER. POOH W/ 244 JTS 23/8 J-55 CHECKING W/ BROACH AND S.L.M HAD SOME SCALE ON OUT SIDE OF TBG @ 7422' L/D 2 NO DRIFT JTS, 121 F/ SURF AND BTM JT HAD BUMPER SPRING STUCK IN IT AND THREADS WERE WASHED OUT BY SAND.ND BOPS, NU FRAC VALVE, PREP TO SET CBP AND TEST CSG IN AM. |
| 9/15/2009 | 7:00 - 7:30 | 0.50 | COMP | 48 | | P | | HSM, WORKING W/ WIRE LINE. |
| | 7:30 - 15:00 | 7.50 | COMP | 34 | I | P | | SICP 750 PSI, RU SCHLUMBERGER WIRE LINE, RIH W/ 41/2 GAUGE RING TO 7415', POOH RIH 41/2 10K HAL CBP AND SET @ 7354', POOH FILL CSG W/ 115 BBLS WTR TEST TO 6,000# W/ B&C QUICK TEST.RIH W/ 31/8 EXP GUNS W/ 23 GRM .36" HOLES, 90 & 120 DEG PHASING, PERF MV F/ 7320'-7324' 4 SPF 16 HLS, 7250'-7254' 4 SPF 16 HLS, 7220'-7222' 3 SPF 6 HLS, 7158'-7160' 3 SPF 6 HLS = TOTAL 44 HLS. SWI PREP TO FRAC IN AM. |
| 9/16/2009 | 7:00 - 7:30 | 0.50 | COMP | 48 | | P | | HSM, FRACING AND PERORATING |
| | 7:30 - 8:15 | 0.75 | COMP | 36 | E | P | | MIRU SCHLUMBERGER SERVICES, PRIME UP PUMPS & LINES, PRESSURE TEST SURFACE LINES TO 7200 PSI. (STG 1) WHP VAC BRK @ 2472 PSI, @ 6.4 BPM, ISIP 1200 PSI, FG .60 PUMPED 100 BBLS @ 51 BPM @ 4,000 PSI = 90% PERFS OPEN. MP 5848 PSI, MR 53.6 BPM, AP 3644 PSI, AR 45.6, ISIP 1800 PSI, FG .68 NPI 600 PSI, PMPD 1191 BBLS SW & 38,157 LBS 30/50 SND & 5,000 LBS 20/40 RESIN SAND. TOTAL PROP 43,157 LBS. |
| | 8:15 - 12:21 | 4.10 | COMP | 36 | E | P | | (STD 2) PU 41/2 HAL 8K CBP, & 31/8 EXP GUNS, 23 GRM .36 HOLES, 90 DEG & 120 DEG PHASING. TRY TO SET CBP @ 7082' PLUG WOULDN'T SET. POOH 98 FPM. FOUND GUN WAS WET HAD TO SWITCH OUT 6' 3 SPF GUN W/ 6' 4 SPF GUN. RIH SET CBP @ 7082' PERF MV 7046'-7052' 4 SPF 24 HLS, 7006'-7010' 3 SPF 12 HLS, 6978'-6982' 3 SPF 12 HLS = 48 HLS. 11:52 AM. WHP VAC BRK @ 3238 PSI, @ 6.4 BPM, ISIP 1200 PSI, FG .60 PUMPED 100 BBLS @ 51.7 BPM @ 3,500 PSI = 96% PERFS OPEN. MP 5160 PSI, MR 51.7 BPM, AP 3322 PSI, AR 46.6, ISIP 2150 PSI, FG .74 NPI 950 PSI, PMPD 1071 BBLS SW & 39,019 LBS 30/50 SND & 5,000 LBS 20/40 RESIN SAND. TOTAL PROP 44,019 LBS. |

RECEIVED September 21, 2009

US ROCKIES REGION

Operation Summary Report

| | | | | | |
|--|--|--------------------------|------------------------|------------------------|--|
| Well: BONANZA 1023-7B-3 | | Spud Conductor: 8/1/2008 | | Spud Date: 8/3/2008 | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-7B-3 | | Rig Name No: MILES 2/2 | |
| Event: RECOMPL/RESEREVEADD | | Start Date: 9/14/2009 | | End Date: 9/18/2009 | |
| Active Datum: RKB @5,298.01ft (above Mean Sea Level) | | | UWI: BONANZA 1023-7B-3 | | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (ft) | Operation |
|-----------|-------------------|------------------|-------|------|-------------|-----|-----------------|--|
| | 12:21 - 13:35 | 1.23 | COMP | 36 | E | P | | (STG 3) PU 41/2 HAL 8K CBP, & 31/8 EXP GUNS, 23 GRM .36 HOLES, 90 DEG PHASING. SET CBP @ 6880' PERF MV 6848'-6850' 4 SPF 8 HLS, 6828'-6832' 4 SPF 16 HLS, 6762'-6764' 4 SPF 8 HLS, 6719'-6721' 4 SPF 8 HLS =40 HLS WHP 130 PSI, BRK @ 3166 PSI, @ 6.4 BPM, ISIP 2150 PSI, FG .75 PUMPED 100 BBLS @ 51 BPM @ 4.100 PSI = 100% PERFS OPEN. MP 5260 PSI, MR 51.7 BPM, AP 3776 PSI, AR 46.5, ISIP 2350 PSI, FG .78 NPI 200 PSI, PMPD 806 BBLS SW & 26,175 LBS 30/50 SND & 5,000 LBS 20/40 RESIN SAND. TOTAL PROP 31,175 LBS. |
| | 13:35 - 14:55 | 1.33 | COMP | 36 | E | P | | (STG 4) PU 41/2 HAL 8K CBP, & 31/8 EXP GUNS, 23 GRM .36 HOLES, 90 DEG PHASING. SET CBP @ 6134' PERF WASATCH, 6094'-6104' 4 SPF 40 HLS. WHP 0 PSI, BRK @ 1924 PSI, @ 6.4 BPM, ISIP 700 PSI, FG .54 PUMPED 100 BBLS @ 51 BPM @ 3,250 PSI = 71% PERFS OPEN. MP 4380 PSI, MR 51.8 BPM, AP 2844 PSI, AR 45.6, ISIP 1950 PSI, FG .75 NPI 1250 PSI, PMPD 1050 BBLS SW & 45,415 LBS 30/50 SND & 5,000 LBS 20/40 RESIN SAND. TOTAL PROP 50,415 LBS. |
| | 14:55 - 16:00 | 1.08 | COMP | 36 | E | P | | (STG 5) PU 41/2 HAL 8K CBP, & 31/8 EXP GUNS, 23 GRM .36 HOLES, 90 DEG PHASING. SET CBP @ 5860' PERF WASATCH, 5824'-5830' 4 SPF 24 HLS, 5788'-5792' 4 SPF 16 HLS = 40 HLS WHP 85 PSI, BRK @ 2050 PSI, @ 6.4 BPM, ISIP 1400 PSI, FG .67 PUMPED 100 BBLS @ 51 BPM @ 3,200 PSI = 100% PERFS OPEN. MP 4756 PSI, MR 54.7 BPM, AP 3049 PSI, AR 47.2, ISIP 1800 PSI, FG .74 NPI 400 PSI, PMPD 703 BBLS SW & 27,234 LBS 30/50 SND & 5,000 LBS 20/40 RESIN SAND. TOTAL PROP 32,234 LBS. |
| | 16:00 - 17:00 | 1.00 | COMP | 34 | I | P | | (STG 6) PU 41/2 HAL 8K CBP, & 31/8 EXP GUNS, 23 GRM .36 HOLES, 90 DEG PHASING. SET CBP @ 5393' PERF WASATCH, 5347'-5353' 4 SPF 24 HLS, 5296'-5300' 4 SPF 16 HLS = 40 HLS. SWI PREP TO FRAC 6 & 7 STAGES IN AM. HAM, FRACING & TRIPPING TBG |
| 9/17/2009 | 6:30 - 7:00 | 0.50 | COMP | 48 | E | P | | (STG 6) WHP 120 PSI, BRK @ 1969 PSI @ 6.4 BPM ISIP 1300 PSI, FG .67. PUMPED 100 BBLS @ 51 BPM @ 2900 PSI = 100% PERFS OPEN. MP 3918 PSI, MR 51.8 BPM, AP 2593 PSI, AR 46.8 BPM, ISIP 1550 PSI, FG .72. NPI 250 PSI, PMPD 841 BBLS OF SW, 34,765 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 39,765. |
| | 7:00 - 7:28 | 0.47 | COMP | 36 | E | P | | |

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US ROCKIES REGION
Operation Summary Report

| Well: BONANZA 1023-7B-3 | | | Spud Conductor: 8/1/2008 | | | Spud Date: 8/3/2008 | | |
|--|-------------------|------------------|--------------------------|------|-------------|---------------------|------------------------|--|
| Project: UTAH-UINTAH | | | Site: BONANZA 1023-7B-3 | | | | Rig Name No: MILES 2/2 | |
| Event: RECOMPL/RESEREVEADD | | | Start Date: 9/14/2009 | | | | End Date: 9/18/2009 | |
| Active Datum: RKB @5,298.01ft (above Mean Sea Level) | | | UWI: BONANZA 1023-7B-3 | | | | | |
| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (ft) | Operation |
| | 7:28 - 8:52 | 1.40 | COMP | 36 | E | P | | (STDG 7) PU 41/2 HAL 8K CBP, 3 31/8" EXP GNS, 23 GRM, .36" HOLES, 90 DEG PHASING. SET CBP @ 4862' & PERF WASATCH 4822'-4832' 4 SPF, 40 HLS. WHP 455 PSI, BRK @ 2580 PSI @ 6.4 BPM ISIP 900 PSI, FG .62. PUMPED 100 BBLS @ 51 BPM @ 3450 PSI = 71% PERFS OPEN. MP 4239 PSI, MR 51.7 BPM, AP 3223 PSI, AR 47 BPM, ISIP 1800 PSI, FG .80. NPI 900 PSI, PMPD 1142 BBLS OF SW, 57,887 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 62,887. |
| | 8:52 - 15:00 | 6.13 | COMP | 31 | I | P | | (KILL PLUG) RIH SET 41/2 HAL 8K CBP @ 4772', POOH RD SCHLUMBERGER WIRE LINE AND FRAC CREW. ND FRAC VALVE, NU BOPS, RU FLOOR, RIH W/ 37/8 HURRICAIN MILL& POBS 150 JTS 23/8 J-55 TBG TO EOT @ 4723 ' RU DRLG EQUIP, PREP TO D/O PLUGS IN AM. SWI SDFN. |
| 9/18/2009 | 7:00 - 7:30 | 0.50 | COMP | 48 | | P | | HSM, WORKING W/ SWIVEL DRILLING OUT CBPS. |

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US ROCKIES REGION
Operation Summary Report

| | | |
|--|--------------------------|------------------------|
| Well: BONANZA 1023-7B-3 | Spud Conductor: 8/1/2008 | Spud Date: 8/3/2008 |
| Project: UTAH-UINTAH | Site: BONANZA 1023-7B-3 | Rig Name No: MILES 2/2 |
| Event: RECOMPL/RESEREVEADD | Start Date: 9/14/2009 | End Date: 9/18/2009 |
| Active Datum: RKB @5,298.01ft (above Mean Sea Level) | | UWI: BONANZA 1023-7B-3 |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (ft) | Operation |
|-----------|-------------------|------------------|-------|------|-------------|-----|-----------------|---|
| | 7:30 - 18:00 | 10.50 | COMP | 44 | C | P | | <p>BREAK CIRC CONVENTIONAL W/ RECYCLED WTR.RIH</p> <p>C/O 10' OF SAND TAG 1ST PLUG @ 4772' DRL PLG IN 6 MIN. 50# INCREASE. RIH.</p> <p>C/O 35' OF SAND TAG 2ND PLUG @ 4862' DRL PLG IN 7 MIN. 600# INCREASE. RIH.</p> <p>C/O 30' OF SAND TAG 3RD PLUG @ 5393' DRL PLG IN 4 MIN. 50# INCREASE. RIH.</p> <p>C/O 30' OF SAND TAG 4TH PLUG @ 5860 DRL PLG IN 5 MIN.-200# INCREASE. RIH.</p> <p>C/O 20' OF SAND TAG 5TH PLUG @ 6134' DRL PLG IN 9 MIN. 700# INCREASE. RIH.</p> <p>C/O 30' OF SAND TAG 6TH PLUG @ 6880' DRL PLG IN 3 MIN. 500# INCREASE. RIH.</p> <p>C/O 30' OF SAND TAG 7TH PLUG @ 7082' DRL PLG IN 3 MIN. 0# INCREASE. RIH.</p> <p>C/O 60' OF SAND TAG 8TH PLUG @ 7354', CIRC WELL 30 MIN, DRL PLG IN 6 MIN. 0# INCREASE.</p> <p>LOST CIRC AFTER DRILLING LAST PLUG, RIH TAG UP @ 8025'. INSTALLED TSF BROKE CIRC W/ AIR/FOAM.</p> <p>C/O F/ 8025' TO 8130 HARD SCALE HIT OLD POBS COULD NOT MAKE ANY HOLE , CIRC WELL CLEAN W/ AIR/FOAM. KILL TBG L/D 3 JTS 23/8 REMOVED TSF, L/D 11 MORE JTS, LAND TBG W/ 245 JTS 23/8 J-55 TBG IN HOLE. ND BOPS NU WH. RU CASED HOLE SOLUTIONS RIH SHOOT 28 -.28"HLS IN BTM JT. POOH RD WIRE LINE TURN WELL OVER TO FLOW BACK CREW. RIG DWN RIG PARKED ON LOCATION. HAD TO FOAM WELL .</p> <p>(HIT OLD POBS @ 8130' F/ WORK OVER DATED 12/11/08) COULDN'T MAKE ANY HOLE, 26' RAT HOLE. WELL WILL NEED CLEANED OUT. PBTD IS @ 8351'.</p> <p>18'KB 41/2 HANGER= 83' 245 JTS 23/8 J-55= 7684.84' TOP 3 JTS NEW POBS W/ 37/8 HURRICAN MILL= 4.03' EOT @ 7707.70'.</p> <p>(NOTE PERFS 8250'-8252' 4 SPF 8 HOLES WERE NOT SHOT ON COMPLETION 9/4/08) CUTTERS HAVE RECORDS.</p> <p>TWTR= 7560 BBLS TWR= 910 BBLS TWLTR=6650 BBLS WELL TURNED TO SALE @ 1200 HE ON 9/20/09 - FTP 850#, CP 1400#, 1215 MCFD, 20/64 CK</p> |
| 9/20/2009 | 12:00 - | | PROD | 50 | | | | |

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: P.O. Box 173779
city DENVER
state CO zip 80217 Phone Number: (720) 929-6029

Well 1

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|---|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| See Atchmt | See Atchmt | | | | | | |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| | 99999 | 18519 | | | | 5/11/2012 | |
| Comments: Please see attachment with list of Wells in the Ponderosa Unit. <u>W5MVD</u> 5/30/2012 | | | | | | | |

Well 2

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|------------------|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| | | | | | | | |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| | | | | | | | |
| Comments: | | | | | | | |

Well 3

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|------------------|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| | | | | | | | |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| | | | | | | | |
| Comments: | | | | | | | |

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED

MAY 21 2012

Div. of Oil, Gas & Mining

Cara Mahler

Name (Please Print)

Signature

REGULATORY ANALYST

Title

5/21/2012

Date

| well_name | sec | tpw | rng | api | entity | | lease | well | stat | qtr_qtr | bhl | surf | zone | a_stat | l_num | op_no |
|-------------------------------|-----|------|------|------------|--------|--|-------|------|------|---------|-----|------|-------|--------|-----------|-------|
| SOUTHMAN CANYON 31-3 | 31 | 090S | 230E | 4304734726 | 13717 | | 1 | GW | P | SENW | | 1 | WSMVD | P | U-33433 | N2995 |
| SOUTHMAN CANYON 31-4 | 31 | 090S | 230E | 4304734727 | 13742 | | 1 | GW | S | SESW | | 1 | WSMVD | S | UTU-33433 | N2995 |
| SOUTHMAN CYN 31-2X (RIG SKID) | 31 | 090S | 230E | 4304734898 | 13755 | | 1 | GW | P | NWNW | | 1 | WSMVD | P | U-33433 | N2995 |
| SOUTHMAN CYN 923-31J | 31 | 090S | 230E | 4304735149 | 13994 | | 1 | GW | P | NWSE | | 1 | MVRD | P | U-33433 | N2995 |
| SOUTHMAN CYN 923-31B | 31 | 090S | 230E | 4304735150 | 13953 | | 1 | GW | P | NWNE | | 1 | MVRD | P | U-33433 | N2995 |
| SOUTHMAN CYN 923-31P | 31 | 090S | 230E | 4304735288 | 14037 | | 1 | GW | P | SESE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31H | 31 | 090S | 230E | 4304735336 | 14157 | | 1 | GW | P | SENE | | 1 | WSMVD | P | U-33433 | N2995 |
| SOUTHMAN CYN 923-31O | 31 | 090S | 230E | 4304737205 | 16827 | | 1 | GW | P | SWSE | | 1 | MVRD | P | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31K | 31 | 090S | 230E | 4304737206 | 16503 | | 1 | GW | P | NESW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31G | 31 | 090S | 230E | 4304737208 | 16313 | | 1 | GW | P | SWNE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31E | 31 | 090S | 230E | 4304737209 | 16521 | | 1 | GW | P | SWNW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31A | 31 | 090S | 230E | 4304737210 | 16472 | | 1 | GW | P | NENE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31C | 31 | 090S | 230E | 4304737227 | 16522 | | 1 | GW | P | NENW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-1G | 01 | 100S | 230E | 4304735512 | 14458 | | 1 | GW | P | SWNE | | 1 | WSMVD | P | U-40736 | N2995 |
| BONANZA 1023-1A | 01 | 100S | 230E | 4304735717 | 14526 | | 1 | GW | P | NENE | | 1 | WSMVD | P | U-40736 | N2995 |
| BONANZA 1023-1E | 01 | 100S | 230E | 4304735745 | 14524 | | 1 | GW | P | SWNW | | 1 | WSMVD | P | U-40736 | N2995 |
| BONANZA 1023-1C | 01 | 100S | 230E | 4304735754 | 14684 | | 1 | GW | P | NENW | | 1 | MVRD | P | U-40736 | N2995 |
| BONANZA 1023-1K | 01 | 100S | 230E | 4304735755 | 15403 | | 1 | GW | P | NESW | | 1 | MVRD | P | U-38423 | N2995 |
| BONANZA 1023-1F | 01 | 100S | 230E | 4304737379 | 16872 | | 1 | GW | P | SENW | | 1 | MVRD | P | UTU-40736 | N2995 |
| BONANZA 1023-1B | 01 | 100S | 230E | 4304737380 | 16733 | | 1 | GW | P | NWNE | | 1 | MVRD | P | UTU-40736 | N2995 |
| BONANZA 1023-1D | 01 | 100S | 230E | 4304737381 | 16873 | | 1 | GW | P | NWNW | | 1 | MVRD | P | UTU-40736 | N2995 |
| BONANZA 1023-1H | 01 | 100S | 230E | 4304737430 | 16901 | | 1 | GW | P | SENE | | 1 | MVRD | P | UTU-40736 | N2995 |
| BONANZA 1023-1L | 01 | 100S | 230E | 4304738300 | 16735 | | 1 | GW | P | NWSW | | 1 | MVRD | P | UTU-38423 | N2995 |
| BONANZA 1023-1J | 01 | 100S | 230E | 4304738302 | 16871 | | 1 | GW | P | NWSE | | 1 | MVRD | P | UTU-40736 | N2995 |
| BONANZA 1023-1I | 01 | 100S | 230E | 4304738810 | 16750 | | 1 | GW | P | NESE | | 1 | MVRD | P | UTU-40736 | N2995 |
| BONANZA 1023-2E | 02 | 100S | 230E | 4304735345 | 14085 | | 3 | GW | P | SWNW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2C | 02 | 100S | 230E | 4304735346 | 14084 | | 3 | GW | P | NENW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2A | 02 | 100S | 230E | 4304735347 | 14068 | | 3 | GW | P | NENE | | 3 | MVRD | P | ML-47062 | N2995 |
| BONANZA 1023-2G | 02 | 100S | 230E | 4304735661 | 14291 | | 3 | GW | P | SWNE | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2O | 02 | 100S | 230E | 4304735662 | 14289 | | 3 | GW | P | SWSE | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2I | 02 | 100S | 230E | 4304735663 | 14290 | | 3 | GW | S | NESE | | 3 | WSMVD | S | ML-47062 | N2995 |
| BONANZA 1023-2MX | 02 | 100S | 230E | 4304736092 | 14730 | | 3 | GW | P | SWSW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2H | 02 | 100S | 230E | 4304737093 | 16004 | | 3 | GW | P | SENE | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2D | 02 | 100S | 230E | 4304737094 | 15460 | | 3 | GW | P | NWNW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2B | 02 | 100S | 230E | 4304737095 | 15783 | | 3 | GW | P | NWNE | | 3 | MVRD | P | ML-47062 | N2995 |
| BONANZA 1023-2P | 02 | 100S | 230E | 4304737223 | 15970 | | 3 | GW | P | SESE | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2N | 02 | 100S | 230E | 4304737224 | 15887 | | 3 | GW | P | SESW | | 3 | MVRD | P | ML-47062 | N2995 |
| BONANZA 1023-2L | 02 | 100S | 230E | 4304737225 | 15833 | | 3 | GW | P | NWSW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2F | 02 | 100S | 230E | 4304737226 | 15386 | | 3 | GW | P | SENW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2D-4 | 02 | 100S | 230E | 4304738761 | 16033 | | 3 | GW | P | NWNW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2O-1 | 02 | 100S | 230E | 4304738762 | 16013 | | 3 | GW | P | SWSE | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2H3CS | 02 | 100S | 230E | 4304750344 | 17426 | | 3 | GW | P | NWNE | D | 3 | MVRD | P | ML 47062 | N2995 |
| BONANZA 1023-2G3BS | 02 | 100S | 230E | 4304750345 | 17428 | | 3 | GW | P | NWNE | D | 3 | MVRD | P | ML 47062 | N2995 |
| BONANZA 1023-2G2CS | 02 | 100S | 230E | 4304750346 | 17429 | | 3 | GW | P | NWNE | D | 3 | MVRD | P | ML 47062 | N2995 |
| BONANZA 1023-2G1BS | 02 | 100S | 230E | 4304750347 | 17427 | | 3 | GW | P | NWNE | D | 3 | MVRD | P | ML 47062 | N2995 |

| | | | | | | | | | | | | | | | | |
|----------------------------|----|------|------|------------|-------|--|---|----|-----|------|---|---|-------|-----|-----------|-------|
| BONANZA 1023-2M1S | 02 | 100S | 230E | 4304750379 | 17443 | | 3 | GW | P | SENW | D | 3 | MVRD | P | ML 47062 | N2995 |
| BONANZA 1023-2L2S | 02 | 100S | 230E | 4304750380 | 17444 | | 3 | GW | P | SENW | D | 3 | MVRD | P | ML 47062 | N2995 |
| BONANZA 1023-2K4S | 02 | 100S | 230E | 4304750381 | 17446 | | 3 | GW | P | SENW | D | 3 | MVRD | P | ML 47062 | N2995 |
| BONANZA 1023-2K1S | 02 | 100S | 230E | 4304750382 | 17445 | | 3 | GW | P | SENW | D | 3 | WSMVD | P | ML 47062 | N2995 |
| BONANZA 4-6 ✱ | 04 | 100S | 230E | 4304734751 | 13841 | | 1 | GW | P | NESW | | 1 | MNCS | P | UTU-33433 | N2995 |
| BONANZA 1023-4A | 04 | 100S | 230E | 4304735360 | 14261 | | 1 | GW | P | NENE | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-4E | 04 | 100S | 230E | 4304735392 | 14155 | | 1 | GW | P | SWNW | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-4C | 04 | 100S | 230E | 4304735437 | 14252 | | 1 | GW | P | NENW | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-4M | 04 | 100S | 230E | 4304735629 | 14930 | | 1 | GW | P | SWSW | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-4O | 04 | 100S | 230E | 4304735688 | 15111 | | 1 | GW | P | SWSE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-4I | 04 | 100S | 230E | 4304735689 | 14446 | | 1 | GW | P | NESE | | 1 | MVRD | P | UTU-33433 | N2995 |
| BONANZA 1023-4G | 04 | 100S | 230E | 4304735746 | 14445 | | 1 | GW | P | SWNE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-4D | 04 | 100S | 230E | 4304737315 | 16352 | | 1 | GW | P | NWNW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-4H | 04 | 100S | 230E | 4304737317 | 16318 | | 1 | GW | P | SENE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-4B | 04 | 100S | 230E | 4304737328 | 16351 | | 1 | GW | P | NWNE | | 1 | MVRD | P | UTU-33433 | N2995 |
| BONANZA 1023-4L | 04 | 100S | 230E | 4304738211 | 16393 | | 1 | GW | P | NWSW | | 1 | MVRD | P | UTU-33433 | N2995 |
| BONANZA 1023-4P | 04 | 100S | 230E | 4304738212 | 16442 | | 1 | GW | P | SESE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-4N | 04 | 100S | 230E | 4304738303 | 16395 | | 1 | GW | P | SESW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-4FX (RIGSKID) | 04 | 100S | 230E | 4304739918 | 16356 | | 1 | GW | P | SENW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5O | 05 | 100S | 230E | 4304735438 | 14297 | | 1 | GW | P | SWSE | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-5AX (RIGSKID) | 05 | 100S | 230E | 4304735809 | 14243 | | 1 | GW | P | NENE | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-5C | 05 | 100S | 230E | 4304736176 | 14729 | | 1 | GW | P | NENW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5G | 05 | 100S | 230E | 4304736177 | 14700 | | 1 | GW | P | SWNE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5M | 05 | 100S | 230E | 4304736178 | 14699 | | 1 | GW | P | SWSW | | 1 | WSMVD | P | UTU-73450 | N2995 |
| BONANZA 1023-5K | 05 | 100S | 230E | 4304736741 | 15922 | | 1 | GW | P | NESW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5B | 05 | 100S | 230E | 4304737318 | 16904 | | 1 | GW | P | NWNE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5E | 05 | 100S | 230E | 4304737319 | 16824 | | 1 | GW | P | SWNW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5H | 05 | 100S | 230E | 4304737320 | 16793 | | 1 | GW | P | SENE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5N | 05 | 100S | 230E | 4304737321 | 16732 | | 1 | GW | P | SESW | | 1 | WSMVD | P | UTU-73450 | N2995 |
| BONANZA 1023-5L | 05 | 100S | 230E | 4304737322 | 16825 | | 1 | GW | P | NWSW | | 1 | MVRD | P | UTU-33433 | N2995 |
| BONANZA 1023-5J | 05 | 100S | 230E | 4304737428 | 17055 | | 1 | GW | P | NWSE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5P | 05 | 100S | 230E | 4304738213 | 16795 | | 1 | GW | P | SESE | | 1 | MVRD | P | UTU-33433 | N2995 |
| BONANZA 1023-5N-1 | 05 | 100S | 230E | 4304738911 | 17060 | | 1 | GW | P | SESW | | 1 | WSMVD | P | UTU-73450 | N2995 |
| BONANZA 1023-5PS | 05 | 100S | 230E | 4304750169 | 17323 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5G2AS | 05 | 100S | 230E | 4304750486 | 17459 | | 1 | GW | P | SWNE | D | 1 | MVRD | P | UTU 33433 | N2995 |
| BONANZA 1023-5G2CS | 05 | 100S | 230E | 4304750487 | 17462 | | 1 | GW | P | SWNE | D | 1 | MVRD | P | UTU 33433 | N2995 |
| BONANZA 1023-5G3BS | 05 | 100S | 230E | 4304750488 | 17461 | | 1 | GW | P | SWNE | D | 1 | MVRD | P | UTU 33433 | N2995 |
| BONANZA 1023-5G3CS | 05 | 100S | 230E | 4304750489 | 17460 | | 1 | GW | P | SWNE | D | 1 | MVRD | P | UTU 33433 | N2995 |
| BONANZA 1023-5N4AS | 05 | 100S | 230E | 4304752080 | 18484 | | 1 | GW | DRL | SWSW | D | 1 | WSMVD | DRL | UTU73450 | N2995 |
| BONANZA 1023-8C2DS | 05 | 100S | 230E | 4304752081 | 18507 | | 1 | GW | DRL | SWSW | D | 1 | WSMVD | DRL | UTU37355 | N2995 |
| BONANZA 6-2 | 06 | 100S | 230E | 4304734843 | 13796 | | 1 | GW | TA | NESW | | 1 | WSMVD | TA | UTU-38419 | N2995 |
| BONANZA 1023-6C | 06 | 100S | 230E | 4304735153 | 13951 | | 1 | GW | P | NENW | | 1 | MVRD | P | U-38419 | N2995 |
| BONANZA 1023-6E | 06 | 100S | 230E | 4304735358 | 14170 | | 1 | GW | P | SWNW | | 1 | MVRD | P | U-38419 | N2995 |
| BONANZA 1023-6M | 06 | 100S | 230E | 4304735359 | 14233 | | 1 | GW | P | SWSW | | 1 | WSMVD | P | U-38419 | N2995 |
| BONANZA 1023-6G | 06 | 100S | 230E | 4304735439 | 14221 | | 1 | GW | P | SWNE | | 1 | WSMVD | P | UTU-38419 | N2995 |
| BONANZA 1023-6O | 06 | 100S | 230E | 4304735630 | 14425 | | 1 | GW | TA | SWSE | | 1 | WSMVD | TA | U-38419 | N2995 |

✱ not moved in unit

| | | | | | | | | | | | | | | | | |
|----------------------------|----|------|------|------------|-------|--|---|----|----|------|---|---|-------|----|-----------|-------|
| BONANZA 1023-6A | 06 | 100S | 230E | 4304736067 | 14775 | | 1 | GW | P | NENE | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-6N | 06 | 100S | 230E | 4304737211 | 15672 | | 1 | GW | P | SESW | | 1 | WSMVD | P | UTU-38419 | N2995 |
| BONANZA 1023-6L | 06 | 100S | 230E | 4304737212 | 15673 | | 1 | GW | P | NWSW | | 1 | WSMVD | P | UTU-38419 | N2995 |
| BONANZA 1023-6J | 06 | 100S | 230E | 4304737213 | 15620 | | 1 | GW | P | NWSE | | 1 | WSMVD | P | UTU-38419 | N2995 |
| BONANZA 1023-6F | 06 | 100S | 230E | 4304737214 | 15576 | | 1 | GW | TA | SENW | | 1 | WSMVD | TA | UTU-38419 | N2995 |
| BONANZA 1023-6P | 06 | 100S | 230E | 4304737323 | 16794 | | 1 | GW | P | SESE | | 1 | WSMVD | P | UTU-38419 | N2995 |
| BONANZA 1023-6H | 06 | 100S | 230E | 4304737324 | 16798 | | 1 | GW | S | SENE | | 1 | WSMVD | S | UTU-33433 | N2995 |
| BONANZA 1023-6D | 06 | 100S | 230E | 4304737429 | 17020 | | 1 | GW | P | NWNW | | 1 | WSMVD | P | UTU-38419 | N2995 |
| BONANZA 1023-6B | 06 | 100S | 230E | 4304740398 | 18291 | | 1 | GW | P | NWNE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-6M1BS | 06 | 100S | 230E | 4304750452 | 17578 | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6N1AS | 06 | 100S | 230E | 4304750453 | 17581 | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6N1CS | 06 | 100S | 230E | 4304750454 | 17580 | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6N4BS | 06 | 100S | 230E | 4304750455 | 17579 | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6I2S | 06 | 100S | 230E | 4304750457 | 17790 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6I4S | 06 | 100S | 230E | 4304750458 | 17792 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6J3S | 06 | 100S | 230E | 4304750459 | 17791 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6P1S | 06 | 100S | 230E | 4304750460 | 17793 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6A2CS | 06 | 100S | 230E | 4304751430 | 18292 | | 1 | GW | P | NWNE | D | 1 | WSMVD | P | UTU33433 | N2995 |
| BONANZA 1023-6B4BS | 06 | 100S | 230E | 4304751431 | 18293 | | 1 | GW | P | NWNE | D | 1 | WSMVD | P | UTU33433 | N2995 |
| BONANZA 1023-6B4CS | 06 | 100S | 230E | 4304751432 | 18294 | | 1 | GW | P | NWNE | D | 1 | WSMVD | P | UTU33433 | N2995 |
| BONANZA 1023-6C4BS | 06 | 100S | 230E | 4304751449 | 18318 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU38419 | N2995 |
| BONANZA 1023-6D1DS | 06 | 100S | 230E | 4304751451 | 18316 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU38419 | N2995 |
| FLAT MESA FEDERAL 2-7 | 07 | 100S | 230E | 4304730545 | 18244 | | 1 | GW | S | NENW | | 1 | WSMVD | S | U-38420 | N2995 |
| BONANZA 1023-7B | 07 | 100S | 230E | 4304735172 | 13943 | | 1 | GW | P | NWNE | | 1 | MVRD | P | U-38420 | N2995 |
| BONANZA 1023-7L | 07 | 100S | 230E | 4304735289 | 14054 | | 1 | GW | P | NWSW | | 1 | WSMVD | P | U-38420 | N2995 |
| BONANZA 1023-7D | 07 | 100S | 230E | 4304735393 | 14171 | | 1 | GW | P | NWNW | | 1 | WSMVD | P | U-38420 | N2995 |
| BONANZA 1023-7P | 07 | 100S | 230E | 4304735510 | 14296 | | 1 | GW | P | SESE | | 1 | WSMVD | P | U-38420 | N2995 |
| BONANZA 1023-7H | 07 | 100S | 230E | 4304736742 | 15921 | | 1 | GW | P | SENE | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7NX (RIGSKID) | 07 | 100S | 230E | 4304736932 | 15923 | | 1 | GW | P | SESW | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7M | 07 | 100S | 230E | 4304737215 | 16715 | | 1 | GW | P | SWSW | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7K | 07 | 100S | 230E | 4304737216 | 16714 | | 1 | GW | P | NESW | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7E | 07 | 100S | 230E | 4304737217 | 16870 | | 1 | GW | P | SWNW | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7G | 07 | 100S | 230E | 4304737326 | 16765 | | 1 | GW | P | SWNE | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7A | 07 | 100S | 230E | 4304737327 | 16796 | | 1 | GW | P | NENE | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7O | 07 | 100S | 230E | 4304738304 | 16713 | | 1 | GW | P | SWSE | | 1 | MVRD | P | UTU-38420 | N2995 |
| BONANZA 1023-7B-3 | 07 | 100S | 230E | 4304738912 | 17016 | | 1 | GW | P | NWNE | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-07JT | 07 | 100S | 230E | 4304739390 | 16869 | | 1 | GW | P | NWSE | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7J2AS | 07 | 100S | 230E | 4304750474 | 17494 | | 1 | GW | P | NWSE | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7J2DS | 07 | 100S | 230E | 4304750475 | 17495 | | 1 | GW | P | NWSE | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7L3DS | 07 | 100S | 230E | 4304750476 | 17939 | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7M2AS | 07 | 100S | 230E | 4304750477 | 17942 | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7N2AS | 07 | 100S | 230E | 4304750478 | 17940 | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7N2DS | 07 | 100S | 230E | 4304750479 | 17941 | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7O4S | 07 | 100S | 230E | 4304750480 | 17918 | | 1 | GW | P | SESE | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7P2S | 07 | 100S | 230E | 4304750482 | 17919 | | 1 | GW | P | SESE | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 8-2 | 08 | 100S | 230E | 4304734087 | 13851 | | 1 | GW | P | SESE | | 1 | MVRD | P | U-37355 | N2995 |

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|--------------------|----|------|------|------------|-------|--|---|----|---|------|---|---|-------|---|-----------|-------|
| BONANZA 8-3 | 08 | 100S | 230E | 4304734770 | 13843 | | 1 | GW | P | NWNW | | 1 | MVRD | P | U-37355 | N2995 |
| BONANZA 1023-8A | 08 | 100S | 230E | 4304735718 | 14932 | | 1 | GW | P | NENE | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8L | 08 | 100S | 230E | 4304735719 | 14876 | | 1 | GW | P | NWSW | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8N | 08 | 100S | 230E | 4304735720 | 15104 | | 1 | GW | P | SESW | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8F | 08 | 100S | 230E | 4304735989 | 14877 | | 1 | GW | S | SENW | | 1 | WSMVD | S | UTU-37355 | N2995 |
| BONANZA 1023-8I | 08 | 100S | 230E | 4304738215 | 16358 | | 1 | GW | P | NESE | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8K | 08 | 100S | 230E | 4304738216 | 16354 | | 1 | GW | P | NESW | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8M | 08 | 100S | 230E | 4304738217 | 16564 | | 1 | GW | P | SWSW | | 1 | MVRD | P | UTU-37355 | N2995 |
| BONANZA 1023-8G | 08 | 100S | 230E | 4304738218 | 16903 | | 1 | GW | P | SWNE | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8E | 08 | 100S | 230E | 4304738219 | 16397 | | 1 | GW | P | SWNW | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8C | 08 | 100S | 230E | 4304738220 | 16355 | | 1 | GW | P | NENW | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8B | 08 | 100S | 230E | 4304738221 | 16292 | | 1 | GW | P | NWNE | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8H | 08 | 100S | 230E | 4304738222 | 16353 | | 1 | GW | P | SENE | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8O | 08 | 100S | 230E | 4304738305 | 16392 | | 1 | GW | P | SWSE | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8B-4 | 08 | 100S | 230E | 4304738914 | 17019 | | 1 | GW | P | NWNE | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8A1DS | 08 | 100S | 230E | 4304750481 | 17518 | | 1 | GW | P | NENE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8A4BS | 08 | 100S | 230E | 4304750483 | 17519 | | 1 | GW | P | NENE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8B1AS | 08 | 100S | 230E | 4304750484 | 17520 | | 1 | GW | P | NENE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8B2AS | 08 | 100S | 230E | 4304750485 | 17521 | | 1 | GW | P | NENE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8O2S | 08 | 100S | 230E | 4304750495 | 17511 | | 1 | GW | P | NWSE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8J1S | 08 | 100S | 230E | 4304750496 | 17509 | | 1 | GW | P | NWSE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8O3S | 08 | 100S | 230E | 4304750497 | 17512 | | 1 | GW | P | NWSE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8J3 | 08 | 100S | 230E | 4304750498 | 17510 | | 1 | GW | P | NWSE | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8C4CS | 08 | 100S | 230E | 4304750499 | 17544 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8D2DS | 08 | 100S | 230E | 4304750500 | 17546 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8D3DS | 08 | 100S | 230E | 4304750501 | 17545 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8F3DS | 08 | 100S | 230E | 4304750502 | 17543 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8A4CS | 08 | 100S | 230E | 4304751131 | 18169 | | 1 | GW | P | NWNE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8B3BS | 08 | 100S | 230E | 4304751132 | 18167 | | 1 | GW | P | NWNE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8C1AS | 08 | 100S | 230E | 4304751133 | 18166 | | 1 | GW | P | NWNE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8G3AS | 08 | 100S | 230E | 4304751134 | 18168 | | 1 | GW | P | NWNE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8E2AS | 08 | 100S | 230E | 4304751135 | 18227 | | 1 | GW | P | SENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8F3BS | 08 | 100S | 230E | 4304751136 | 18227 | | 1 | GW | P | SENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8F4AS | 08 | 100S | 230E | 4304751137 | 18224 | | 1 | GW | P | SENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8F4DS | 08 | 100S | 230E | 4304751138 | 18225 | | 1 | GW | P | SENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8J2CS | 08 | 100S | 230E | 4304751139 | 18226 | | 1 | GW | P | SENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8G4DS | 08 | 100S | 230E | 4304751140 | 18144 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8H2DS | 08 | 100S | 230E | 4304751141 | 18142 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8H3DS | 08 | 100S | 230E | 4304751142 | 18143 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8H4DS | 08 | 100S | 230E | 4304751143 | 18141 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8I4BS | 08 | 100S | 230E | 4304751144 | 18155 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8J4BS | 08 | 100S | 230E | 4304751145 | 18154 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8P1AS | 08 | 100S | 230E | 4304751146 | 18156 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8P2BS | 08 | 100S | 230E | 4304751147 | 18153 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8P4AS | 08 | 100S | 230E | 4304751148 | 18157 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8E2DS | 08 | 100S | 230E | 4304751149 | 18201 | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |

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|-----------------------|----|------|------|------------|-------|--|---|----|---|------|---|---|-------|---|-----------|-------|
| BONANZA 1023-8E3DS | 08 | 100S | 230E | 4304751150 | 18200 | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8K1CS | 08 | 100S | 230E | 4304751151 | 18199 | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8K4CS | 08 | 100S | 230E | 4304751152 | 18198 | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8L3DS | 08 | 100S | 230E | 4304751153 | 18197 | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8M2AS | 08 | 100S | 230E | 4304751154 | 18217 | | 1 | GW | P | SWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8M2DS | 08 | 100S | 230E | 4304751155 | 18216 | | 1 | GW | P | SWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8N2BS | 08 | 100S | 230E | 4304751156 | 18218 | | 1 | GW | P | SWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8O3CS | 08 | 100S | 230E | 4304751157 | 18254 | | 1 | GW | P | SWSE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8N3DS | 08 | 100S | 230E | 4304751158 | 18215 | | 1 | GW | P | SWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8O4AS | 08 | 100S | 230E | 4304751159 | 18252 | | 1 | GW | P | SWSE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8P2CS | 08 | 100S | 230E | 4304751160 | 18251 | | 1 | GW | P | SWSE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8P3CS | 08 | 100S | 230E | 4304751161 | 18253 | | 1 | GW | P | SWSE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| CANYON FEDERAL 2-9 | 09 | 100S | 230E | 4304731504 | 1468 | | 1 | GW | P | NENW | | 1 | MVRD | P | U-37355 | N2995 |
| SOUTHMAN CANYON 9-3-M | 09 | 100S | 230E | 4304732540 | 11767 | | 1 | GW | S | SWSW | | 1 | MVRD | S | UTU-37355 | N2995 |
| SOUTHMAN CANYON 9-4-J | 09 | 100S | 230E | 4304732541 | 11685 | | 1 | GW | S | NWSE | | 1 | MVRD | S | UTU-37355 | N2995 |
| BONANZA 9-6 | 09 | 100S | 230E | 4304734771 | 13852 | | 1 | GW | P | NWNE | | 1 | MVRD | P | U-37355 | N2995 |
| BONANZA 9-5 | 09 | 100S | 230E | 4304734866 | 13892 | | 1 | GW | P | SESW | | 1 | MVRD | P | U-37355 | N2995 |
| BONANZA 1023-9E | 09 | 100S | 230E | 4304735620 | 14931 | | 1 | GW | P | SWNW | | 1 | WSMVD | P | U-37355 | N2995 |
| BONANZA 1023-9I | 09 | 100S | 230E | 4304738223 | 16766 | | 1 | GW | P | NESE | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-9D | 09 | 100S | 230E | 4304738306 | 16398 | | 1 | GW | P | NWNW | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-9J | 09 | 100S | 230E | 4304738811 | 16989 | | 1 | GW | P | NWSE | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-9B3BS | 09 | 100S | 230E | 4304750503 | 17965 | | 1 | GW | P | SENE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-9B3CS | 09 | 100S | 230E | 4304750504 | 17968 | | 1 | GW | P | SENE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-9H2BS | 09 | 100S | 230E | 4304750505 | 17966 | | 1 | GW | P | SENE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-9H2CS | 09 | 100S | 230E | 4304750506 | 17967 | | 1 | GW | P | SENE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 10-2 | 10 | 100S | 230E | 4304734704 | 13782 | | 1 | GW | P | NWNW | | 1 | MVRD | P | U-72028 | N2995 |
| BONANZA 1023-10L | 10 | 100S | 230E | 4304735660 | 15164 | | 1 | GW | P | NWSW | | 1 | WSMVD | P | U-38261 | N2995 |
| BONANZA 1023-10E | 10 | 100S | 230E | 4304738224 | 16501 | | 1 | GW | P | SWNW | | 1 | MVRD | P | UTU-72028 | N2995 |
| BONANZA 1023-10C | 10 | 100S | 230E | 4304738228 | 16500 | | 1 | GW | P | NENW | | 1 | MVRD | P | UTU-72028 | N2995 |
| BONANZA 1023-10C-4 | 10 | 100S | 230E | 4304738915 | 17015 | | 1 | GW | P | NENW | | 1 | MVRD | P | UTU-72028 | N2995 |
| BONANZA 11-2 ★ | 11 | 100S | 230E | 4304734773 | 13768 | | 1 | GW | P | SWNW | | 1 | MVMCS | P | UTU-38425 | N2995 |
| BONANZA 1023-11K | 11 | 100S | 230E | 4304735631 | 15132 | | 1 | GW | P | NESW | | 1 | WSMVD | P | UTU-38425 | N2995 |
| BONANZA 1023-11B | 11 | 100S | 230E | 4304738230 | 16764 | | 1 | GW | P | NWNE | | 1 | MVRD | P | UTU-38425 | N2995 |
| BONANZA 1023-11F | 11 | 100S | 230E | 4304738232 | 16797 | | 1 | GW | P | SENW | | 1 | MVRD | P | UTU-38425 | N2995 |
| BONANZA 1023-11D | 11 | 100S | 230E | 4304738233 | 16711 | | 1 | GW | P | NWNW | | 1 | MVRD | P | UTU-38425 | N2995 |
| BONANZA 1023-11G | 11 | 100S | 230E | 4304738235 | 16826 | | 1 | GW | P | SWNE | | 1 | MVRD | P | UTU-38425 | N2995 |
| BONANZA 1023-11C | 11 | 100S | 230E | 4304738309 | 16736 | | 1 | GW | P | NENW | | 1 | MVRD | P | UTU-38425 | N2995 |
| BONANZA 1023-11J | 11 | 100S | 230E | 4304738310 | 16839 | | 1 | GW | P | NWSE | | 1 | WSMVD | P | UTU-38424 | N2995 |
| BONANZA 1023-11N | 11 | 100S | 230E | 4304738311 | 16646 | | 1 | GW | P | SESW | | 1 | MVRD | P | UTU-38424 | N2995 |
| BONANZA 1023-11M | 11 | 100S | 230E | 4304738312 | 16687 | | 1 | GW | P | SWSW | | 1 | MVRD | P | UTU-38424 | N2995 |
| BONANZA 1023-11L | 11 | 100S | 230E | 4304738812 | 16987 | | 1 | GW | P | NWSW | | 1 | WSMVD | P | UTU-38424 | N2995 |
| NSO FEDERAL 1-12 | 12 | 100S | 230E | 4304730560 | 1480 | | 1 | GW | P | NENW | | 1 | MVRD | P | UTU-38423 | N2995 |
| WHITE RIVER 1-14 | 14 | 100S | 230E | 4304730481 | 1500 | | 1 | GW | S | NENW | | 1 | MVRD | S | U-38427 | N2995 |
| BONANZA 1023-14D | 14 | 100S | 230E | 4304737030 | 16799 | | 1 | GW | P | NWNW | | 1 | MVRD | P | UTU-38427 | N2995 |
| BONANZA 1023-14C | 14 | 100S | 230E | 4304738299 | 16623 | | 1 | GW | P | NENW | | 1 | MVRD | P | UTU-38427 | N2995 |
| BONANZA FEDERAL 3-15 | 15 | 100S | 230E | 4304731278 | 8406 | | 1 | GW | P | NENW | | 1 | MVRD | P | U-38428 | N2995 |

★ not moved into unit

| | | | | | | | | | | | | | | | | |
|-----------------------------|----|------|------|------------|-------|--|---|----|-----|------|---|---|-------|-----|------------|-------|
| BONANZA 1023-15H | 15 | 100S | 230E | 4304738316 | 16688 | | 1 | GW | P | SENE | | 1 | MVRD | P | UTU-38427 | N2995 |
| BONANZA 1023-15J | 15 | 100S | 230E | 4304738817 | 16988 | | 1 | GW | P | NWSE | | 1 | MVRD | P | UTU-38427 | N2995 |
| BONANZA 1023-15H4CS | 15 | 100S | 230E | 4304750741 | 17492 | | 1 | GW | P | NESE | D | 1 | MVRD | P | UTU 38427 | N2995 |
| BONANZA 1023-15I2AS | 15 | 100S | 230E | 4304750742 | 17493 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38427 | N2995 |
| BONANZA 1023-15I4BS | 15 | 100S | 230E | 4304750743 | 17490 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38427 | N2995 |
| BONANZA 1023-15P1BS | 15 | 100S | 230E | 4304750744 | 17491 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38427 | N2995 |
| LOOKOUT POINT STATE 1-16 | 16 | 100S | 230E | 4304730544 | 1495 | | 3 | GW | P | NESE | | 3 | WSMVD | P | ML-22186-A | N2995 |
| BONANZA 1023-16J | 16 | 100S | 230E | 4304737092 | 15987 | | 3 | GW | OPS | NWSE | | 3 | WSMVD | OPS | ML-22186-A | N2995 |
| BONANZA 1023-17B | 17 | 100S | 230E | 4304735747 | 15165 | | 1 | GW | P | NWNE | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-17C | 17 | 100S | 230E | 4304738237 | 16585 | | 1 | GW | P | NENW | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-17D3S | 17 | 100S | 230E | 4304750511 | 17943 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-17E2S | 17 | 100S | 230E | 4304750512 | 17944 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-17E3AS | 17 | 100S | 230E | 4304750513 | 17945 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-17E3CS | 17 | 100S | 230E | 4304750514 | 17946 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-18G | 18 | 100S | 230E | 4304735621 | 14410 | | 1 | GW | P | SWNE | | 1 | WSMVD | P | U-38241 | N2995 |
| BONANZA 1023-18B | 18 | 100S | 230E | 4304735721 | 14395 | | 1 | GW | P | NWNE | | 1 | WSMVD | P | U-38421 | N2995 |
| BONANZA 1023-18DX (RIGSKID) | 18 | 100S | 230E | 4304736218 | 14668 | | 1 | GW | P | NWNW | | 1 | WSMVD | P | U-38241 | N2995 |
| BONANZA 1023-18A | 18 | 100S | 230E | 4304738243 | 16625 | | 1 | GW | P | NENE | | 1 | WSMVD | P | UTU-38421 | N2995 |
| BONANZA 1023-18F | 18 | 100S | 230E | 4304738244 | 16624 | | 1 | GW | P | SENW | | 1 | WSMVD | P | UTU-38421 | N2995 |
| BONANZA 1023-18E | 18 | 100S | 230E | 4304738245 | 16645 | | 1 | GW | P | SWNW | | 1 | MVRD | P | UTU-38421 | N2995 |
| BONANZA 1023-18C | 18 | 100S | 230E | 4304738246 | 16734 | | 1 | GW | P | NENW | | 1 | MVRD | P | UTU-38421 | N2995 |
| BONANZA 1023-18G-1 | 18 | 100S | 230E | 4304738916 | 17135 | | 1 | GW | P | SWNE | | 1 | WSMVD | P | UTU-38421 | N2995 |
| BONANZA 1023-18D3AS | 18 | 100S | 230E | 4304750448 | 17498 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18D3DS | 18 | 100S | 230E | 4304750449 | 17499 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18E2DS | 18 | 100S | 230E | 4304750450 | 17497 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18E3AS | 18 | 100S | 230E | 4304750451 | 17496 | | 1 | GW | P | SENW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18L2S | 18 | 100S | 230E | 4304750520 | 18111 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18L3S | 18 | 100S | 230E | 4304750521 | 18110 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18K3AS | 18 | 100S | 230E | 4304751061 | 18112 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18K3BS | 18 | 100S | 230E | 4304751063 | 18113 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18M2AS | 18 | 100S | 230E | 4304751064 | 18117 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18M2DS | 18 | 100S | 230E | 4304751065 | 18116 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18N2AS | 18 | 100S | 230E | 4304751066 | 18114 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18N2DS | 18 | 100S | 230E | 4304751067 | 18115 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-10F | 10 | 100S | 230E | 4304738225 | 16565 | | | GW | P | SENW | | | MVRD | P | UTU 72028 | N2995 |
| BONANZA 1023-6D1AS | 6 | 100S | 230E | 4304751450 | 18320 | | | GW | P | NENW | D | | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6C1CS | 6 | 100S | 230E | 4304751448 | 18319 | | | GW | | NENW | D | | | | UTU 38419 | N2995 |
| BONANZA 1023-6D3AS | 6 | 100S | 230E | 4304751452 | 18317 | | | GW | P | NENW | D | | WSMVD | P | UTU 38419 | N2995 |

| | | | | | |
|---|--|--|---|---|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 | | | |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-38420 | | | |
| 1. TYPE OF WELL Gas Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: PONDEROSA | | | |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | | 8. WELL NAME and NUMBER: BONANZA 1023-7B-3 | | | |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | | 9. API NUMBER: 43047389120000 | | | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1252 FNL 2234 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 07 Township: 10.0S Range: 23.0E Meridian: S | | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH | | | |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | | | |
| TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/14/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table> | | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> |
| <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> | | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests authorization to temporarily abandon the subject well location. The operator proposes to temporarily abandon the well to drill the BONANZA 1023-7B3 PAD; which consists of the following wells: BONANZA 1023-7C1BS, BONANZA 1023-7C4BS, BONANZA 1023-7C4CS, BONANZA 1023-7F1BS, BONANZA 1023-7G1BS, BONANZA 1023-7G1CS. Please see the attached TA Procedure. | | | | | |
| NAME (PLEASE PRINT) Luke Urban | | PHONE NUMBER 720 929-6501 | | | |
| SIGNATURE N/A | | TITLE Regulatory Specialist DATE 5/14/2013 | | | |

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: May 15, 2013

By: Derek Quist

Well Name: **BONANZA 1023-7B-3**
 Surface Location: NWNE Sec. 7, T10, R23E
 Uintah County, UT

5/13/13

Recommended action for disposition of well bore:

This well will be temporarily abandoned to accommodate drilling operations in one of 2 ways. We will either plug the wellbore as outlined in the attached procedure or Shut-In in the following manner: a) Set a tubing plug near EOT, install a flange over the tbg hanger, removal of master valve, set VR plugs in casing head at surface, and removal of casing wing valves, replaced with blind flanges.

API: 4304738912 LEASE#: U-38420

ELEVATIONS: 5280' GL 5298' KB

TOTAL DEPTH: 8400' PBD: 8351'

SURFACE CASING: 9 5/8", 36# J-55 @ 2080' (KB)

PRODUCTION CASING: 4 1/2", 11.6# I-80 @ 8400'
 TOC @ ~200' per CBL

PRODUCTION TUBING: 2 3/8" J-55, EOT @ 7705' (WOV rpt dated 7/5/11)

PERFORATIONS: WASATCH 4822' - 6104'
 MESAVERDE 6719' - 8114'

| Tubular/Borehole | Drift inches | Collapse psi | Burst psi | Capacities | | |
|--------------------------------|-----------------|--------------|-----------|------------|----------|----------|
| | | | | Gal./ft. | Cuft/ft. | Bbl./ft. |
| 2.375" 4.7# J-55 tbg. | 1.901 | 8100 | 7700 | 0.1624 | 0.0217 | 0.0039 |
| 4.5" 11.6# N-80 | 3.875 | 6350 | 7780 | 0.6528 | 0.0872 | 0.0155 |
| 9.625" 36# K-55 | 8.921 | 2020 | 3520 | 3.247 | 0.434 | 0.0773 |
| Annular Capacities | | | | | | |
| 2.375" tbg. X 4 1/2" 11.6# csg | | | | 0.4227 | 0.0565 | 0.0101 |
| 4.5" csg X 9 5/8" 36# csg | | | | 2.227 | 0.2977 | 0.053 |
| 4.5" csg X 7.875 borehole | | | | 1.704 | 0.2276 | 0.0406 |
| 9 5/8" csg X 12 1/4" borehole | | | | 2.3436 | 0.3132 | 0.0558 |

GEOLOGICAL TOPS:

4169' Wasatch
 6189' Mesaverde

BONANZA 1023-7B-3 TEMPORARY ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY BLM/UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 24 sx of cement needed to perform procedure.

1. MIRU. KILL WELL AS NEEDED (TO INCLUDE SURFACE CSG PRESSURE). ND WH, NU AND TEST BOPE.
2. RU WIRELINE. ENSURE WELLBORE IS CLEAN. **A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.**
3. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE SEGO/MV/WAS PERFORATIONS (4822' – 8114'):** RIH W/ 4 ½" CBP. SET @ ~4780'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **8 SX/ 1.6 BBL/ 8.7 CUFT**. ON TOP OF PLUG. PUH ABOVE TOC (~4680'). REVERSE CIRCULATE W/ TREATED FRESH WATER (~7 BBLS).
5. **PLUG #2, PROTECT TOP OF WASATCH (4169'):** PUH TO ~4270'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.3 BBL / 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~4060' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER (~63 BBLS).
6. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER UDOGM GUIDELINES.
7. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 5/13/13

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-38420 |
| 1. TYPE OF WELL Gas Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | | 7. UNIT or CA AGREEMENT NAME: PONDEROSA |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | | 8. WELL NAME and NUMBER: BONANZA 1023-7B-3 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1252 FNL 2234 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 07 Township: 10.0S Range: 23.0E Meridian: S | | 9. API NUMBER: 43047389120000 |
| 10. FIELD and POOL or WILDCAT: NATURAL BUTTES | | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
| COUNTY: UINTAH | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/6/2015 | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | OTHER: WELLBORE CLEANOUT | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A WORKOVER/WELLBORE CLEANOUT HAS BEEN COMPLETED ON THE BONANZA 1023-7B-3, SEE THE ATTACHED OPERATIONS SUMMARY REPORT. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 23, 2015 | | |
| NAME (PLEASE PRINT) Doreen Green | PHONE NUMBER 435 781-9758 | TITLE Regulatory Analyst II |
| SIGNATURE N/A | DATE 4/17/2015 | |

US ROCKIES REGION
Operation Summary Report

| Well: BONANZA 1023-7B-3 | | | | Spud Conductor: 8/1/2008 | | | | Spud date: 8/3/2008 | | | |
|--|----------------|---------|---------------|--------------------------|------|----------|-----|-------------------------|--|--|--|
| Project: UTAH-UINTAH | | | | Site: BONANZA 1023-7B-3 | | | | Rig name no.: MILES 2/2 | | | |
| Event: WELL WORK EXPENSE | | | | Start date: 3/24/2015 | | | | End date: 3/26/2015 | | | |
| Active datum: RKB @5,298.00usft (above Mean Sea Level) | | | | UWI: BONANZA 1023-7B-3 | | | | | | | |
| Date | Time Start-End | | Duration (hr) | Phase | Code | Sub Code | P/U | MD from (usft) | Operation | | |
| 3/10/2015 | 7:00 | - 11:00 | 4.00 | MAINT | 35 | | P | | rih w jdc tool 7614 latched and pooh w sand by pass, rih w jdc tool 7647 latched and jarred shearmaster out pooh, rts no ple in hole, cp 729 tp dead\n | | |
| 3/24/2015 | 7:00 | - 7:30 | 0.50 | MAINT | 48 | | P | | HSM, RIGGING DOWN & MOVEING. | | |
| | 7:30 | - 12:00 | 4.50 | MAINT | 30 | A | P | | RIGGED DWN OFF BON 1023-7J2DS, MIRU. | | |
| | 12:00 | - 17:30 | 5.50 | MAINT | 31 | I | P | | CONTROL TBG W/ 35 BBLS NOT PLUGGED, CONTROL CSG W/ 20 BBLS ND WH, UNLAND TBG NOT STUCK, NU BOPS, RU FLOOR. PU 9 JTS 23/8 P-110 TAGGED @ 7970' BTM PERF @ 8114' L/D 9 JTS, RU SCAN TECH SCAN OUT W/ 247 JTS 23/8 J-55, RD SCAN TECH, SWI SDFN\n\n128 YELLOW\n71 BLUE\n48 RED \n\nMEDIUM EXT SCALE ON JTS 228 TO 247, RED JTS WERE PITTING & WALL LOSS. \n\n\n\n\n | | |
| 3/25/2015 | 7:00 | - 7:30 | 0.50 | MAINT | 48 | | P | | HSM, TRIPPING TBG FROM DERICK. | | |
| | 7:30 | - 10:30 | 3.00 | MAINT | 31 | I | P | | SICP, 600 BLEW WELL DOWN CONTROL W/ 20 BBLS T-MAC. PU RIH 37/8 SLAUGH MILL & 199 JTS 23/8 J-55, 6' L-80 PUP, PU 51 JTS 23/8 P-110, TAG @ 7817'. | | |
| | 10:30 | - 17:00 | 6.50 | MAINT | 44 | D | P | | RU SWIVEL, INSTALLED TSF, BROKE CIRC W/ AIR/FOAM IN 1 HR, C/O SCALE F/ 7817' TO 8130' HIT OLD POB S, CIRC CLN KILL TBG, RD SWIVEL, L/D 4 JTS, POOH 5 JTS REM TSF, POOH W/ 195 JTS ,SWI SDFN | | |
| 3/26/2015 | 7:00 | - 7:30 | 0.50 | MAINT | 48 | | P | | HSM, TRIPPING TBG & WATCHING PINCH POINTS. | | |
| | 7:30 | - 12:30 | 5.00 | MAINT | 31 | I | P | | SICP & SITP 720 PSI, CONTROL WELL, W/ 40 BBLS T-MAC, POOH W/ REM 56 JTS 23/8 L/D MILL, PU RIH W/ 1.875 X/N & TBG BROACHING, LAND TBG, ND BOPS NU WH SWI CLEAN LOCATION RDMOL.\n\nKB = 18'\nHANGER 4" = .83'\n57 JTS 23/8 P-110 = 1808.36'\nL-80 23/8 PUP JT = 6.11'\n199 JTS 23/8 J-55 = 6192.02'\n1.875 X/N = 1.05'\nEOT @ 8026.37'\n\nTWLTR 50 BBLS | | |
| 3/27/2015 | 7:00 | - 11:00 | 4.00 | MAINT | 42 | | P | | SWABBING | | |
| 3/28/2015 | 7:00 | - 18:00 | 11.00 | MAINT | 42 | | P | | SWABBING | | |
| 3/29/2015 | 7:00 | - 18:00 | 11.00 | MAINT | 42 | | P | | SWABBING | | |
| 3/30/2015 | 7:00 | - 15:00 | 8.00 | PROD | 42 | | P | | SWABBING FL 5700 | | |
| 3/31/2015 | 7:00 | - 14:00 | 7.00 | PROD | 42 | | P | | SWABBING FL 6000 | | |
| | 7:00 | - 11:00 | 4.00 | MAINT | 35 | | P | | scale knocker stuck in wellhead, rih w scratcher 8125, rih w broach 8026 clean no trash, dropped used scale knocker and rts cp 753 tp 524 | | |
| 4/1/2015 | 7:00 | - 13:00 | 6.00 | PROD | 42 | | P | | SWABBING FL 4000 | | |
| 4/6/2015 | 7:00 | - 11:00 | 4.00 | MAINT | 35 | | P | | scale knocker 1.89, rih w scratcher 8125, rih w broach hit trash 7950-8026, dropped new pcs high impact and chased to 8026, dropped new sand bypass and rts cp 634 tp 473 | | |